

16 OPERATION

OPERATION

Getting Started

Before Using the Appliance

- Make sure that the exhaust filter and pre-filter are properly assembled before using the appliance.
- Close the dust bin cover properly before using the appliance. If the dust bin cover is left open, the suction strength may deteriorate and affect the cleaning performance.
- This appliance has a built-in safety device to prevent overheating. If the appliance becomes overheated after extended use, it may automatically turn off. If this occurs, leave the appliance in a cool, well-ventilated area for about an hour before turning on the power again.
- Make sure to remove any foreign object such as a sock or stocking before using the appliance. Any foreign object on the inlet port or extension pipe will prevent the appliance from functioning properly.
- Environmental conditions such as temperature and humidity may cause static electricity to accumulate on the appliance. Please contact LG Electronics customer information center if the problem persists.
- Please use the product at normal room temperatures as the battery runtime may deteriorate severely if used at temperatures lower than 41 °F (5°C) or higher than 100 °F (38°C) for an extended period of time.
- Do not use the appliance to suck up oils or any liquids, including water.
- Support the bottom of the appliance when cleaning an elevated surface.
- Store the appliance in the charging station or place it flat on the floor when not in use. Leaning the appliance against a wall or chair can result in product damage or personal injury if the appliance falls.
- To avoid scratches on polished floors, keep the brushes of the nozzles and tools free from grit, sand, or abrasive objects.
- Refer to the **Specifications** section for battery runtime details.
- The battery runtime is dependent on the surface type and the suction power.
- Follow manufacturer's recommendations when cleaning flooring, carpets, and rugs.

- Do not use tools to clean a TV, monitor or LCD display as they may scratch these surfaces.

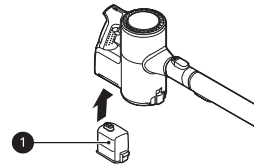
Assembling Attachments

Nozzles and tools can be attached to either the product body or the end of the extension pipe.

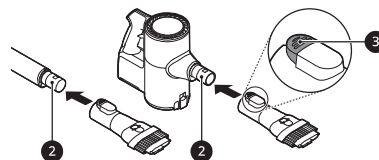
⚠ CAUTION

- Running the appliance for a long period of time with a tool connected may cause the motor to overheat.
- This appliance has a built-in safety device to prevent overheating. If the appliance becomes overheated after extended use, it may automatically turn off. If this occurs, leave the appliance in a cool, well-ventilated area for about an hour before turning on the power again.
- Do not use the Kompressor lever while the appliance is running. Doing so may cause product damage.

- 1 Insert the fully charged battery ① into the cavity at the bottom of the handle on the product body.

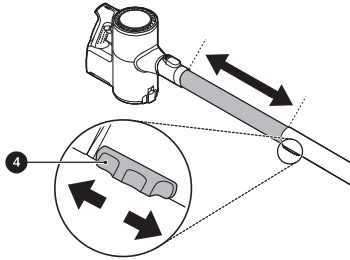


- 2 Attach the nozzles, tools, or extension pipe by sliding them onto the inlet ② on the body until they click into place. The nozzles and tools can also be attached to the end of the extension pipe ②.
 - Detach the accessories by pressing the release button ③.



- 3** Adjust the extension pipe by pressing the length adjustment button **4** on the back of the pipe and sliding until it clicks into place at the desired length.

- The extension pipe extends in four steps.

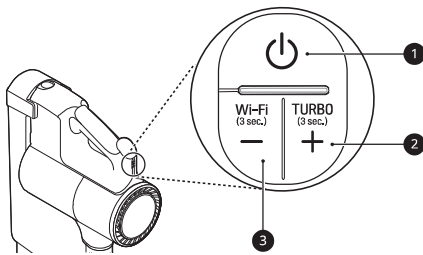


- 4** Press the **Power** button to activate the **Normal** mode.

- To turn off the appliance, press the **Power** button again.

Adjusting the Suction Power

Adjust the suction power using the suction power adjustment button on the handle.



1 Power Button

- Press the **Power** button to turn the appliance on or off.
- Press the **Power** button to activate **Normal** mode.

2 Suction Power Up (+) Button / Turbo Mode

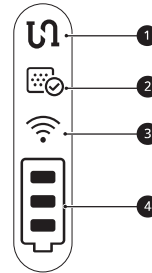
- Press the + button to increase the suction power. (**Normal**→**Power**→**Turbo**)
- Press and hold the + button for more than 3 seconds to activate **Turbo** mode from **Power** mode.

3 Suction Power Down (-) Button / Wi-Fi Mode

- Press the - button to decrease the suction power. (**Turbo**→**Power**→**Normal**)
- Press and hold the - button for 3 seconds to activate Wi-Fi and connect the appliance in the **LG ThinQ** application.

Display

The handle of the appliance displays indicators for clogged objects, filter cleaning alerts, appliance connection status, and the remaining battery charge.



1 Clogged Objects Indicator

- This indicator lights up when the interior of the product body, extension pipe, inlets, nozzle, exhaust filter, pre-filter, or cyclonic mesh filter is clogged with foreign objects.
- If clogging persists, the motor will cycle and the appliance will shut off. Remove the foreign objects and clean the exhaust filter, pre-filter and cyclonic mesh filter following the steps in the **Removing Foreign Objects** section.

2 Filter Cleaning Cycle Alarm Indicator

- This indicator lights up when the appliance is used for a certain period of time. Clean the exhaust filter, pre-filter and cyclonic mesh filter if necessary.

3 Wi-Fi Indicator

- This indicator blinks when the appliance is connecting to the **LG ThinQ** application or home Wi-Fi network, and the indicator lights up when the connection is complete.

4 Battery Level Indicator

- The remaining battery level is displayed in 3 stages according to the remaining battery power.
- The battery level indicator blinks when the battery needs to be charged.
- As the product is charging, bars light up on the battery level indicator to indicate the level of charge.
- Once the battery is fully recharged, 3 bars will remain lighted on the battery level indicator.

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Charging the Battery

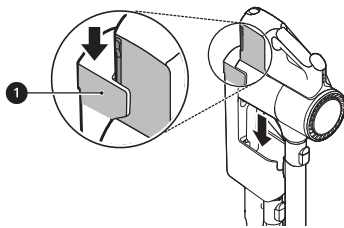
Before Charging the Battery

- Make sure that the adapter is connected to both the charging station and the power outlet.
- Fully charging a single battery usually takes about 4 hours. It will take twice as long to charge both the main and auxiliary batteries.
- The battery will not be charged if the indoor temperature is below 41 °F (5°C). Only charge the battery when indoor temperatures are between 41 °F (5°C) and 100 °F (38 °C).
- The battery will eventually need to be replaced. Due to the battery characteristics, runtime is shortened after using the appliance repeatedly for an extended period.
- The last bar on the battery indicator begins to blink when the battery needs to be recharged. Use the appliance with a fully charged battery.
- If the main battery is charging on the charging station, the auxiliary battery will only start charging once the main battery is fully charged.
- To maintain battery life on dual-battery models, swap the positions of the two batteries periodically, between the main body and the auxiliary charging station.

Charging the Product Body

Storing the appliance on the charging station automatically recharges the battery.

- 1 Press the **Power** button to turn the appliance off.
- 2 Put the product body onto the charging station by aligning it to the hook ❶ of the charging station.
 - The battery level indicator starts to blink and begins charging the battery.
 - If you don't hear a beep, reload the appliance on the charging station.



⚠ WARNING

- Make sure to securely fit the product body onto the charging station. If the appliance falls off the charging station, it could cause injuries, property damage or product damage.

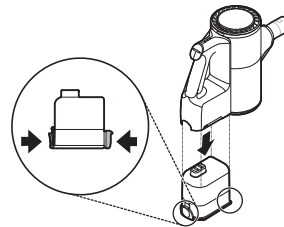
Charging the Auxiliary Battery

An auxiliary battery can be stored and charged in the base of the charging station.

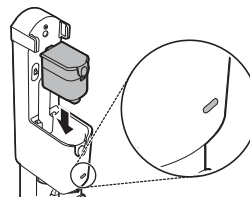
⚠ CAUTION

- Keep fingers away from pinch points when assembling or disassembling the battery from the product body or the charging station to avoid personal injury.

- 1 Remove the discharged battery from the product body by pressing the battery release button on either side of the battery and pulling.



- 2 Insert the discharged battery into the auxiliary charging station.
 - The battery will **only** fit into the cavity if aligned properly.
 - The auxiliary charging indicator blinks while recharging is in progress.
 - The auxiliary charging indicator lights up when charging is complete.



Using the Nozzles and Tools

Some accessories are only available on some models.

Specialized attachments can help you clean more effectively. Tools and nozzles can be attached to the product body or the extension pipe.

- Adjust the suction power if the inlet gets stuck on the floor, carpet, or bedding.
- Each Power Drive Nozzle (Power Carpet or Power Punch) is equipped with a motor and may make a sound when operating.

⚠ CAUTION

- Do not use Power Floor Nozzle or Power Carpet Nozzle on PVC or polyurethane mats for infants and children. The mat may stick to the nozzle, making it difficult to operate, causing damage to the mat or static electricity on the appliance. Clean mats using the crevice tool.

Power Carpet Nozzle

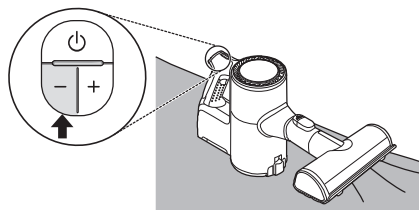
Use this nozzle to clean carpets or rugs.

- If used on hard flooring, this nozzle will be noisy.

Power Punch Nozzle

This nozzle lets you clean sheets and bedding more effectively. It removes dust in bedding using strong suction and a punching motion.

- Lower the suction level when vacuuming bedding such as duvet covers to avoid the thin fabric getting sucked into the nozzle.

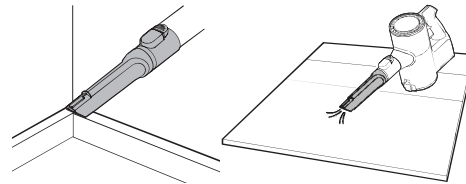


Crevice Tool

Use this tool to remove dust from corners or narrow spaces.

- Use it for areas with static electricity such as mats.

- Use it with the **Turbo** mode to clean pet hair out of furniture, mats, or tight areas like corners.

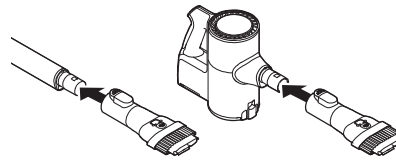


Combination Tool

Can be used in either crevice mode or brush mode for cleaning corners or small gaps where dust and dirt gather.

• Crevice Mode

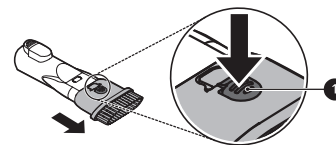
Use the tool in the crevice mode to clean flat surfaces such as sofas or mattresses.



• Brush Mode

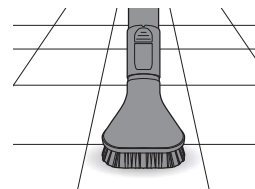
Use the tool in the brush mode to clean delicate surfaces such as frames or furniture.

- To convert modes, press the adjustment button **1** and push forward.



Hard Dirt Tool

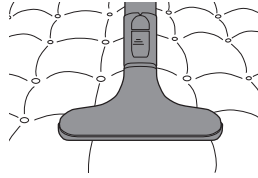
Firm bristles remove solidified dirt from hard surfaces. Clean up hair or foreign objects that are entangled in carpets or rugs.



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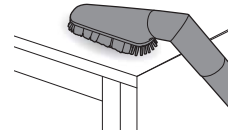
Mattress Tool

Use this tool to clean up dust and foreign objects from mattresses, delicate fabrics, and upholstery.



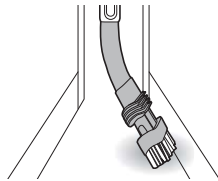
Multi-angle Tool

This tool has a soft brush that can be adjusted to a variety of angles, making it especially useful for cleaning vehicle consoles or the tops of furniture.



Flexible Crevice Tool

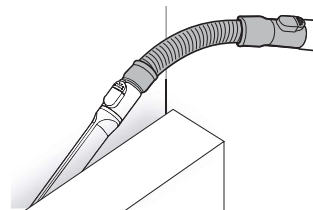
This tool is flexible and its length can be adjusted, making it especially useful for cleaning inside vehicles or in narrow spaces under and behind furniture where an angled tool is needed.



Flexible Hose Extension

Connect this flexible, extendable hose between the product body and the tools to clean hard to reach areas.

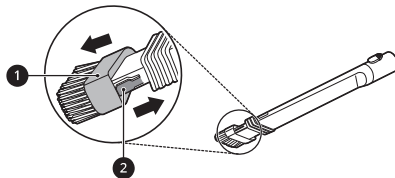
- The flexible hose extension cannot be used with the Power Drive Nozzle.



Using the Brush

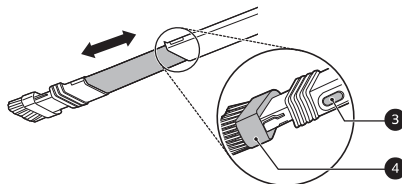
To convert the tool from crevice to brush mode, press in on the sides of the brush head ① and pull the brush down.

- To convert back to the crevice mode, press in on the brush release button ② and slide the brush up.



Adjusting the Length

To adjust the length of the tool, press and hold the release button ③ on the side of the tool. Pull or push on the brush head ④ to extend or retract the extension tube.





Using the Kompressor Lever

Use the Kompressor lever to compress hair and fibers inside the dust bin after vacuuming and before emptying the dust bin.

- The vacuum must be turned off before using the Kompressor lever.
- Compressing the dust clears it off the interior walls of the dust bin and allows you to vacuum for longer periods before emptying the dust bin. It also makes cleaning the dust bin easier and less messy.
- The dust bin must be at least half full for the compression plate to be effective.
- Press the Kompressor lever down several times to compress the dust and clean off the interior walls of the dust bin.

SMART FUNCTIONS

Using LG ThinQ Application

This feature is only available on models with the  or  logo.

The **LG ThinQ** application allows you to communicate with the appliance using a smartphone.

LG ThinQ Application Features

• Cleaning History

- Shows the cleaning history, such as monthly cleaning time, cleaning frequency, and cleaning mode, etc.

NOTE

- Assembled suction tool is displayed on the screen during cleaning.
- A notification is displayed on the screen if the pre-filter and the exhaust filter need cleaning.

• Filter Cleaning Cycle Alarm

- After using the appliance for a certain period of time, a notification is displayed on the screen of your smartphone. Clean the exhaust filter or pre-filter, if necessary.

• Cleaning Mode

- The cleaning mode you are using is displayed on the screen of your smartphone.

• Filter Cleaning Guide

- Guide to cleaning the filters.

• Smart Diagnosis™

- This function provides useful information for diagnosing and solving issues with the appliance based on the pattern of use.

NOTE

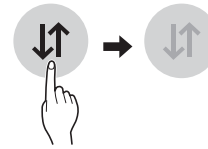
- If you change your wireless router, Internet service provider, or password, delete the connected appliance from the **LG ThinQ** application and connect it again.
- This information is current at the time of publication. The application is subject to change for product improvement purposes without notice to users.

Before Using LG ThinQ Application

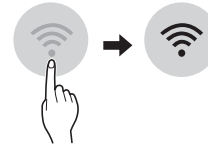
- 1 Use a smartphone to check the strength of the wireless router (Wi-Fi network) near the appliance.

- If the appliance is too far from the router, the signal becomes weak. It may take a long time to register or fail to install the application.


- 2 Turn off the **Mobile data** or **Cellular Data** on your smartphone.



- 3 Connect your smartphone to the wireless router.



NOTE

- To verify the Wi-Fi connection, check that the  icon on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- **LG ThinQ** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The surrounding wireless environment can make the wireless network service run slowly.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The network connection may not work properly depending on the Internet service provider.
- The Wi-Fi may not connect or the connection may be interrupted because of the home network environment.

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NOTE

- If the appliance cannot be connected due to problems with the wireless signal transmission, unplug the appliance and wait about a minute before trying again.
- If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.
- If the security protocol of the router is set to **WEP**, network setup may fail. Change the security protocol (**WPA2** is recommended), and connect the product again.

Installing the LG ThinQ Application

Search for the **LG ThinQ** application from the Google Play Store or Apple App Store on a smartphone. Follow instructions to download and install the application.

Connecting the Appliance to LG ThinQ

Wi-Fi Indicator Status

Indicator Status	Description
Blinking	The appliance is connecting.
ON	The appliance has finished connecting. The appliance is connected to Wi-Fi.
OFF	The appliance has been disconnected.

Connecting the Appliance Initially

Select your appliance on menu by pressing the **Add a Product (+)** button. Follow instructions in the **LG ThinQ** to connect your appliance.

Connecting Additional Users

Remove the appliance from the charging station. Follow the instructions under **Connecting the Appliance Initially**.

NOTE

- The usage history will be reset if you delete a connected appliance in **LG ThinQ**.
- If the Wi-Fi signal is weak, the appliance may be temporarily disconnected to the application. When the Wi-Fi signal moves to the normal position, the appliance is connected to the application again.


Turning Wi-Fi On/Off on the Appliance

Disconnecting from Wi-Fi

To save energy, turn off the Wi-Fi function by pressing the **Wi-Fi** button for 3 seconds while the appliance is charging on the charging station.

Reconnecting to Wi-Fi

Follow the steps below on the appliance.

- 1 Press and hold the **Wi-Fi** button for 3 seconds until the  icon blinks in the display.
- 2 Press the **Wi-Fi** button for 3 seconds again.
 - After the icon turns off, wait for a while and turn it on again.
 - The time before the icon turns on may vary depending on the network environment.

Wireless LAN Module Specifications

Model	LCW-007
Frequency Range	2412 - 2462 MHz
Output Power (Max)	< 30 dBm

FCC Notice

The following notice covers the transmitter module contained in this product.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the

instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Supplier's Declaration of Conformity

Trade Name	LG
Responsible Party	LG Electronics USA, Inc.
Address	1000 Sylvan Ave Englewood Cliffs, NJ 07632
Email	lg.environmental@lge.com

ENGLISH

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit <http://opensource.lge.com>. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for a period of three years after our last shipment of this product. This offer is valid to anyone in receipt of this information.

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Smart Diagnosis™ Function

Use this feature to help you diagnose and solve problems with your appliance.

NOTE

- For reasons not attributable to LGE's negligence, the service may not operate due to external factors such as, but not limited to, Wi-Fi unavailability, Wi-Fi disconnection, local app store policy, or app unavailability.
- The feature may be subject to change without prior notice and may have a different form depending on where you are located.

Using LG ThinQ to Diagnose Issues

If you experience a problem with your Wi-Fi equipped appliance, it can transmit troubleshooting data to a smartphone using the **LG ThinQ** application.

- Launch the **LG ThinQ** application and select the **Smart Diagnosis™** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

- 1 Put the product body on the charging station.
- 2 Launch the **LG ThinQ** application on your smartphone.
- 3 Select the connected product on your screen.
- 4 Press the menu button on the upper right corner of the screen and select the **Smart Diagnosis** feature.
- 5 Press the **Start** button to begin diagnosing the appliance.
- 6 Press the **Finish** button to complete the diagnosis process.

MAINTENANCE

Cleaning the Appliance

Before Cleaning the Appliance

To maintain the optimum suction power, the cyclonic mesh filter, the exhaust filter and the pre-filter should be cleaned regularly and washed under running water at least once a month.

- Turn off the power before cleaning the appliance.
- The frequency of cleaning varies depending on the usage environment and usage time. In a dusty environment, clean frequently.

⚠ WARNING

- Never wash the Power Drive Nozzle, rotating brush or product body with water. Water could reach the motor and cause electric shock or fire.
- Do not allow foreign objects to enter the motor. Doing so may cause electric shock, fire or product damage.
- Do not insert fingers or sharp objects into the motor. Doing so could cause product damage, personal injury or electric shock.

⚠ CAUTION

- Do not apply force or allow impacts to the cyclonic mesh filter. Doing so could deform the filter, compromise product performance, or cause the product to malfunction.
- If the Kompressor lever does not return to the top, remove the cyclonic mesh filter from the dust bin and clean it. A clogged or dirty filter may cause poor product performance.

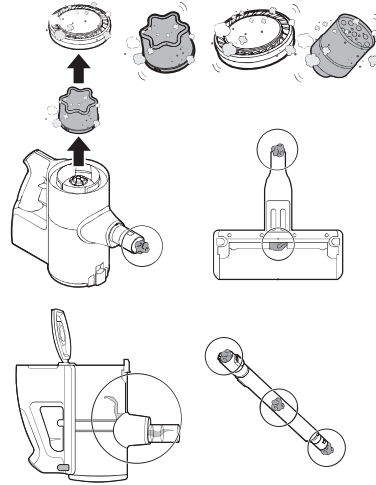
Removing Foreign Objects

If the appliance is clogged with foreign objects, the suction power changes, the motor cycles repeatedly, and the foreign objects clogging alarm icon blinks.

If clogging persists, the appliance will turn off automatically to prevent damage. Separate the battery from the product body and remove the foreign objects before resuming use of the appliance.

- Check the inside of the product body, above the Kompressor working plate, the extension pipe, inlets, exhaust filter, pre-filter and cyclonic mesh filter for foreign objects.

- If the inlets are not completely blocked, the foreign objects clogging alarm indicator may not light up.
- If the sound of the appliance becomes loud or the cleaning performance is poor, check for foreign objects.



Cleaning the Dust Bin

Empty and clean the dust bin after every use.

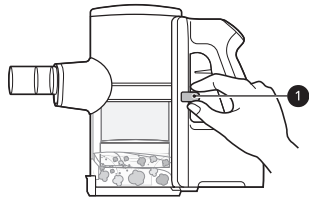
- If the dust bin is completely full of dust or the filter is clogged, the suction power may be reduced.

⚠ CAUTION

- Do not use the appliance without the cyclonic mesh filter installed. Doing so could damage the appliance.

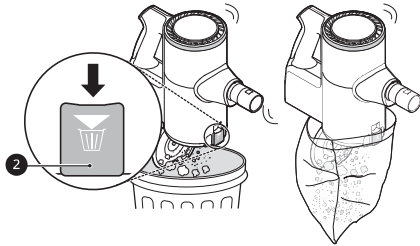
- 1 Remove the battery from the product body before cleaning the dust bin.
- 2 Push down the Kompressor lever **1** several times to collect and compact the dust from the outside of the cyclonic mesh filter and the interior walls of the dust bin.
 - Foreign objects which become lodged in the cyclonic mesh filter may be difficult to dislodge with the Kompressor lever. Remove the cyclonic mesh filter and use the provided cleaning brush to clean it.

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3 Press the dust bin cover release button **2** to open the dust bin cover. Shake the dust bin to empty it.

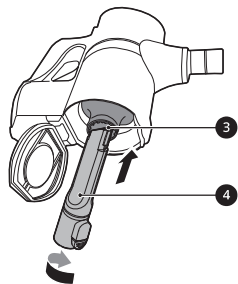
- Be careful as dust or foreign objects may spill out when opening the dust bin. Empty the dust bin into a wastebasket or where dust and foreign objects can be easily removed.
- The dust bin can be wrapped in a plastic bag to contain the dust when emptying the dust bin.



⚠ WARNING

- If the Kompressor lever does not slide down smoothly, foreign objects may be trapped between the dust bin and the cyclonic mesh filter. Clean the dust bin and cyclonic mesh filter to avoid product damage.
- Do not force the Kompressor lever down if foreign objects are caught around the working plate of the Kompressor system. Doing so may cause product damage.

4 Insert the crevice tool **4** into the cyclonic mesh filter **3** and turn it counterclockwise to remove the filter.



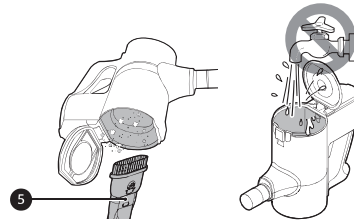
5 Wash the cyclonic mesh filter under running water.

- To avoid odor and the malfunction of the motor, allow the cyclonic mesh filter to dry completely in a well-ventilated area out of direct sunlight for at least 24 hours before reassembling.



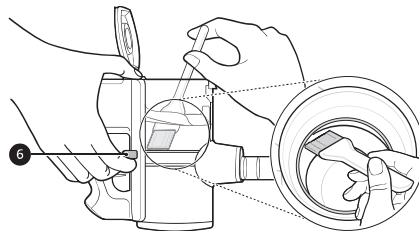
6 Use the combination tool **5** to clean out dust or foreign objects inside the dust bin.

- Do not wash the product body or motor with water.



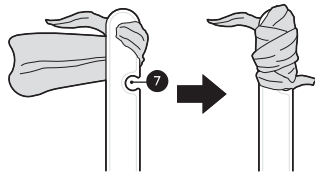
7 Turn the product body over and lift the Kompressor lever **6** up to clean the inside of the working plate with the provided cleaning brush.

- Do not push the Kompressor lever down hard. The working plate may be damaged.

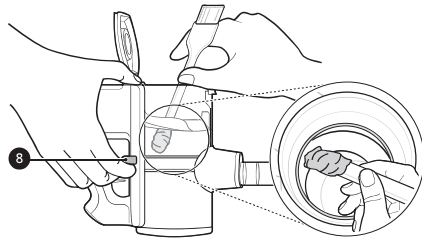


8 Turn the product body over again and shake it while pressing down the lever to remove the dust.


9 Wrap the provided cleaning brush with a wet paper towel, tucked into the slots **7** on the handle.



- 10** Turn the product body over, lift the Kompressor lever **8** up, and clean the inside of the working plate with the towel-wrapped brush handle.



Cleaning the Filters

Clean the exhaust filter and the pre-filter when the filter cleaning icon  lights up.

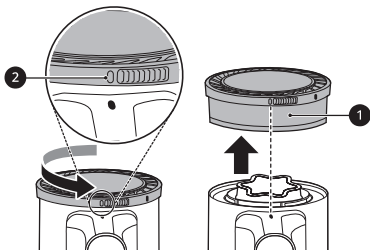
- Clean the filters more frequently if the appliance is used regularly or in areas with a lot of dust.

! CAUTION

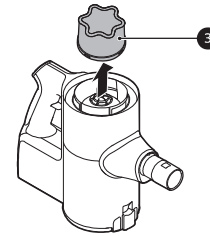
- Do not use the appliance without the exhaust filter and pre-filter installed. Doing so could result in product damage.

- 1** Remove the battery from the product body.

- 2** Rotate the exhaust filter **1** to the unlocked position **2** to separate it from the product body.

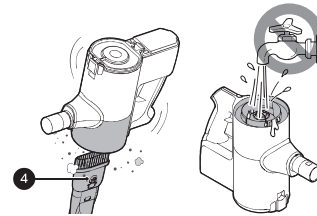


- 3** Lift out the pre-filter **3** from the product body.



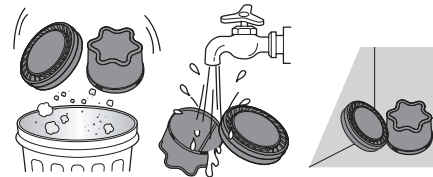
- 4** Use the combination tool **4** to clean any dust off the motor.

- Do not wash the motor with water.



- 5** Clean filters by brushing the dust off and wash them in running water at least once a month.

- To avoid odor and the malfunction of the motor, allow the exhaust filter to dry completely in a well-ventilated area out of direct sunlight for at least 24 hours before reassembling.



- 6** Insert the dried pre-filter and rotate the exhaust filter to the locked position **5** to reassemble it on the product body.

