

Instruction Manual Vacuum Cleaner

Important Safety Instructions

IMPORTANT SAFETY INSTRUCTIONS READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE.

SAVE THESE INSTRUCTIONS

For Household use only When using an electrical appliance, basic precautions should always be followed, including the following:

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire or serious injury.

1. Do not allow to be used as a toy. Close attention is necessary when used by or near children.
2. Clear the area to be cleaned. Remove power cords and small objects from the floor that could entangle the Appliance. Tuck rug fringe under the rug base, and lift items such as curtains and tablecloths off the floor.
3. If there is a drop off in the cleaning area due to a step or stairs, you should operate the Appliance to ensure that it can detect the step without falling over the edge. It may become necessary to place a physical barrier at the edge to keep the unit from falling. Make sure the physical barrier is not a trip hazard.
4. Only use as described in this manual. Only use attachments recommended or sold by the manufacturer.
5. Please make sure your power supply voltage matches the power voltage marked on the Docking Station.
6. Do not handle plug or appliance with wet hands.
7. Nonrechargeable batteries are prohibited. For battery information, please refer to Specifications section.
8. Do not use without dust bin and/or filters in place
9. Do not operate the vacuum in an area where there are lit candles or fragile objects on the floor to be cleaned.
10. Do not use and store in extremely hot or cold environments (below -5°C /23°F or above 40°C/104°F). Please charge the robot in temperature above 0°C/32°F and below 40°C/ 104°F.
11. Keep hair, loose clothing, fingers, and all parts of body away from any openings and moving parts.
12. Do not operate the Appliance in a room where an infant or child is sleeping.

13. For INDOOR use ONLY. Do not use the Appliance in outdoor, commercial or industrial environments. Do not use Appliance on wet surfaces or surfaces with standing water.
14. Do not allow the Appliance to pick up large objects like stones, large pieces of paper or any item that may clog the Appliance.
15. Do not use Appliance to pick up flammable or combustible materials such as gasoline, printer or copier toner, or use in areas where they may be present.
16. Do not use Appliance to pick up anything that is burning or smoking, such as cigarettes, matches, hot ashes, or anything that could cause a fire.
17. Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
18. Take care not to damage the power cord. Do not pull on or carry the Appliance or Docking Station by the power cord, use the power cord as a handle, close a door on the power cord, or pull power cord around sharp edges or corners. Do not run Appliance over the power cord. Keep power cord away from hot surfaces. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
19. If the power cord is damaged, it must be replaced by the manufacturer or its service agent in order to avoid a hazard.
20. Do not use the Docking Station if it is damaged.
21. Do not use with a damaged power cord or plug. Do not use the Appliance or Docking Station if it is not working properly, has been dropped, damaged, left outdoors, or come in contact with water. It must be repaired by the manufacturer or its service agent in order to avoid a hazard.
22. Turn OFF the power switch before cleaning or maintaining the Appliance.
23. The plug must be removed from the receptacle before cleaning or maintaining the Docking Station.
24. Remove the Appliance from the Docking Station, and turn OFF the power switch to the Appliance before removing the battery for disposal of the Appliance.
25. The battery must be removed and discarded according to local laws and regulations before disposal of the Appliance.
26. Please dispose of used batteries according to local laws and regulations.
27. Do not incinerate the Appliance even if it is severely damaged. The batteries can explode in a fire.
28. When not using the Docking Station for a long period of time, please unplug it.
29. The Appliance must be used in accordance with the directions in this Instruction Manual. ECOVACS ROBOTICS cannot be held liable or responsible for any damages or injuries caused by improper use.

30. Prevent unintentional starting. Ensure the switch is in the off position before connecting to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.
31. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
32. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
33. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury
34. Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion. The temperature of 130°C can be replaced by the temperature of 265°F.
35. Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
36. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
37. Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.
38. Place the cords from other appliances out of the area to be cleaned.
39. Do not operate the vacuum in a room that has lit candles on furniture that the vacuum may accidentally hit or bump into.
40. Do not allow children to sit on the vacuum.
41. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
42. Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
43. The robot contains batteries that are only replaceable by skilled persons. To replace the robot's battery, please contact Customer Service.
44. If the robot will not be used for a long time, fully charge the robot and power OFF for storage and unplug the Docking Station.

Package Contents and Technical Specifications

Specifications

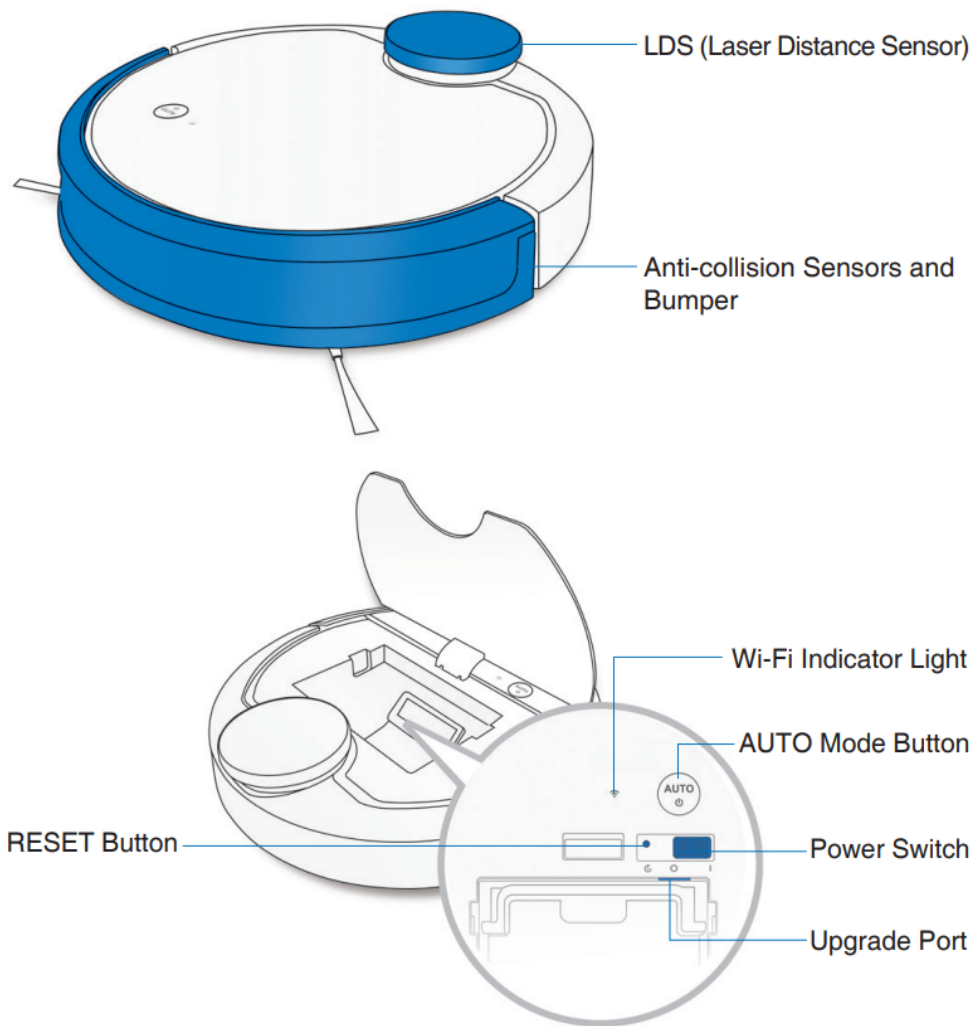
Model	DE5G		
Working voltage	12V DC		
Docking Station Model	CH1630A		
Input	100-130V AC, 50/60Hz,0.5A	Output	20V DC, 0.8A
Battery	ZJ1517-HFR 3000mAh		
Laser	Max. Power 2.5mW		
	Frequency 1.8KHz		
	Rotate Speed 300± 5 circle/min		

Note: Technical and design specifications may be changed for continuous product improvement.

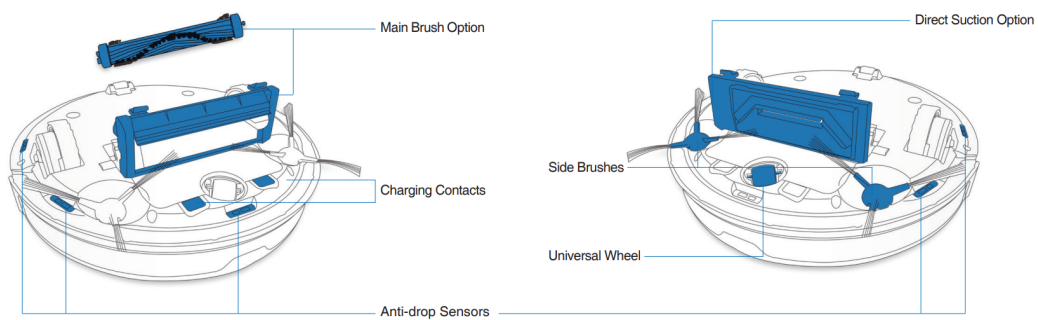
Product Diagram

Robot





Bottom View

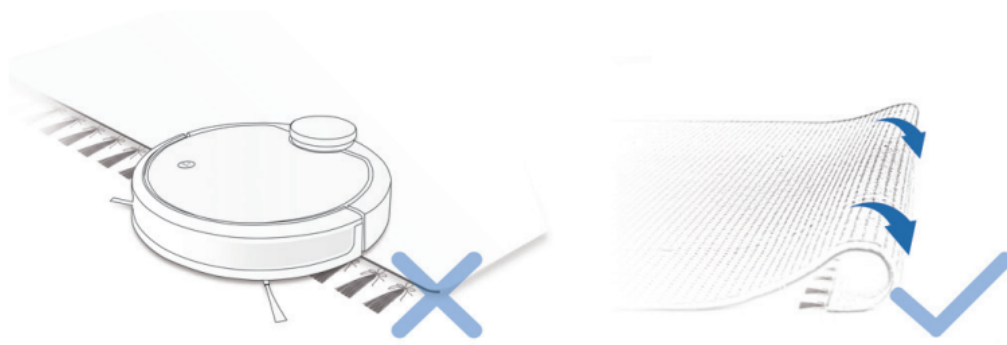


Operating and Programming

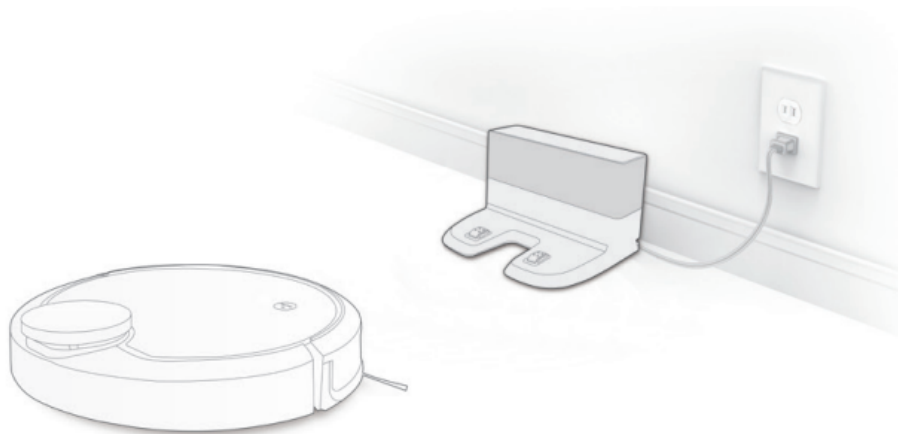
Notes Before Cleaning

WARNING: Do not use DEEBOT on wet surfaces or surfaces with standing water.

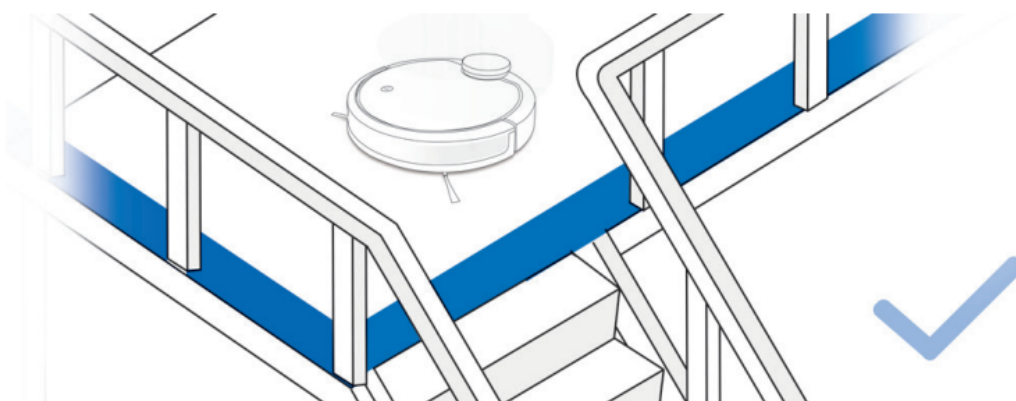




- Before using the product on a rug with tasseled edges, please fold the rug edges under.



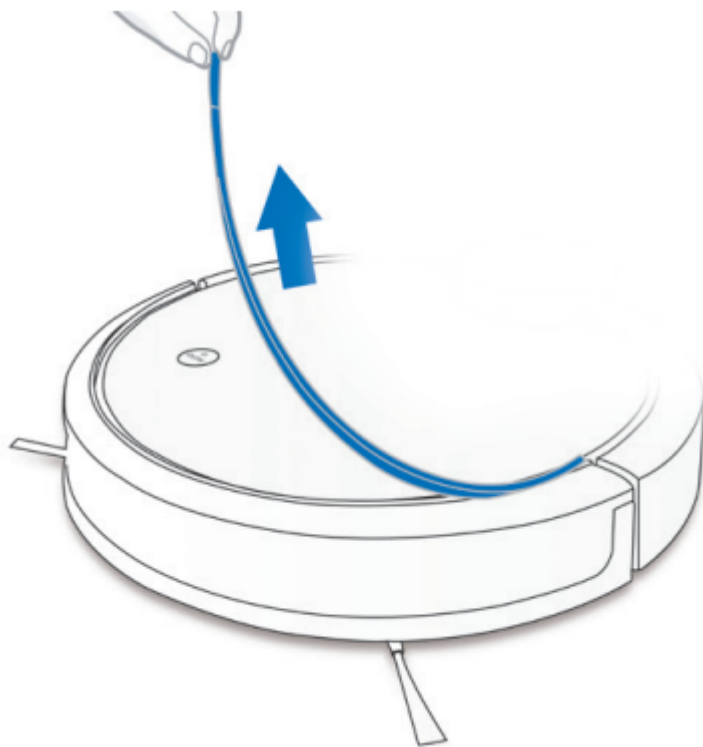
- Remove power cords and small objects from the floor that the robot could be obstructed by, and tidy up the area to be cleaned by putting furniture, such as chairs, in their proper place.



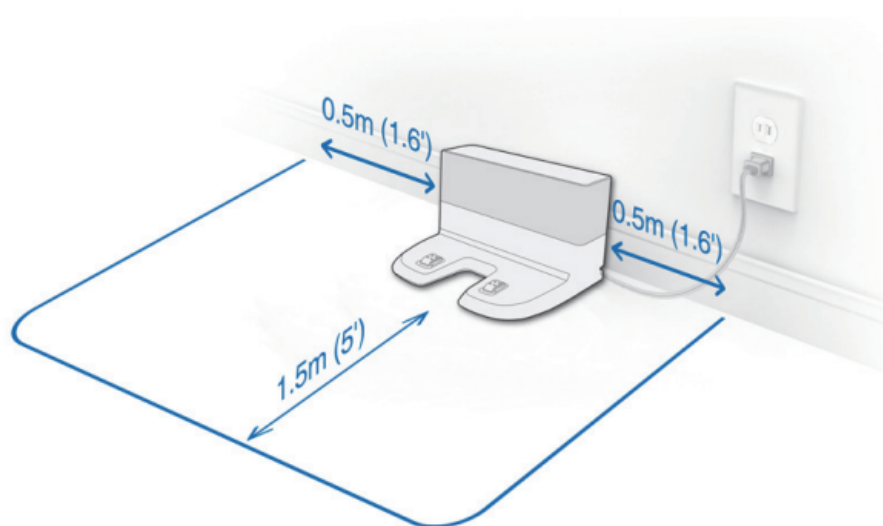
- It may be necessary to place a physical barrier at the edge of a drop to stop the unit from falling over the edge.

Quick Start

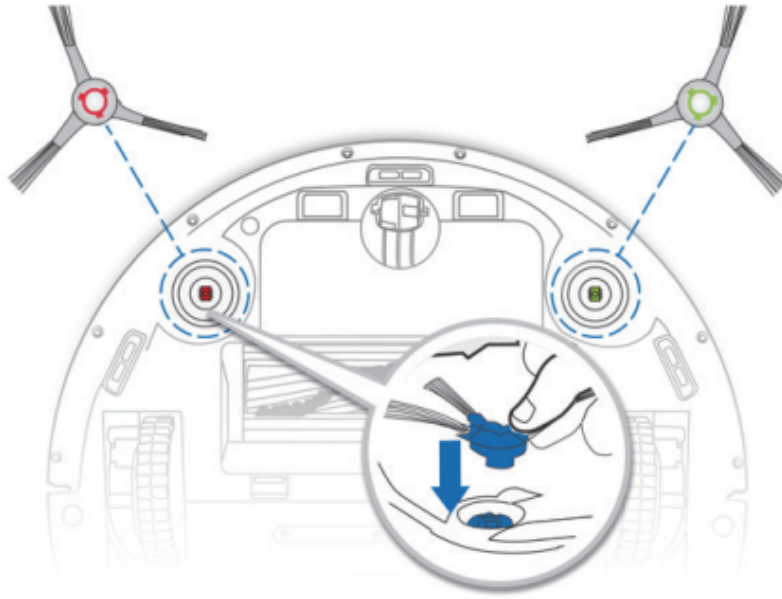
1. Remove Protective Strip



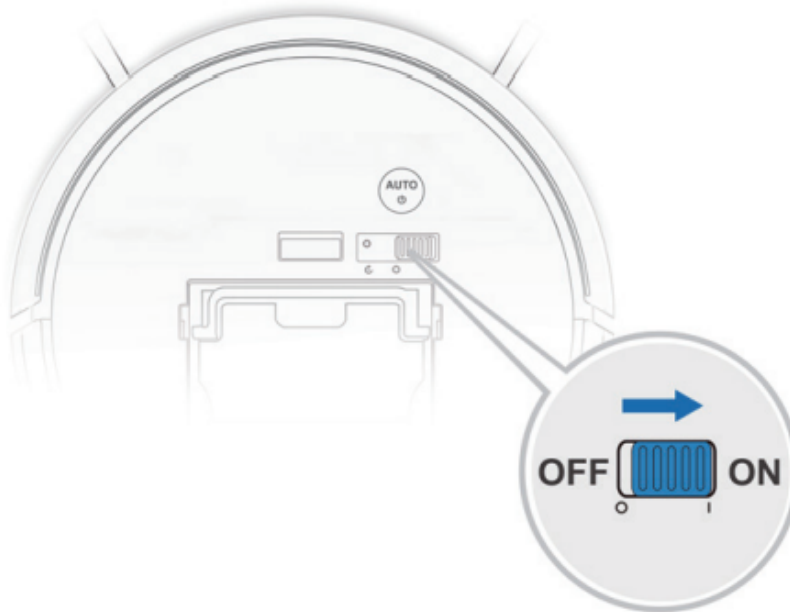
2. Docking Station Placement



3. Install Side Brushes

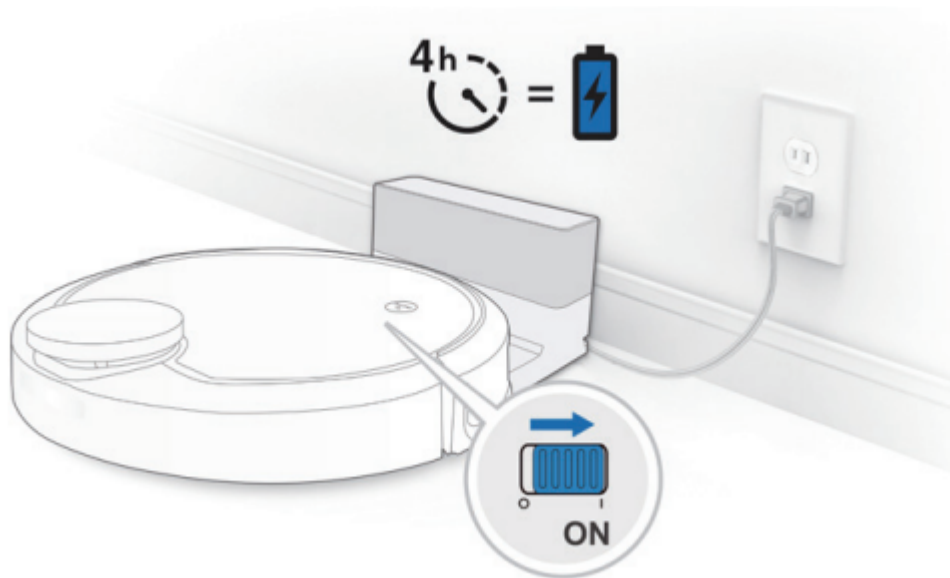


4. Power ON



5. Charge DEEBOT



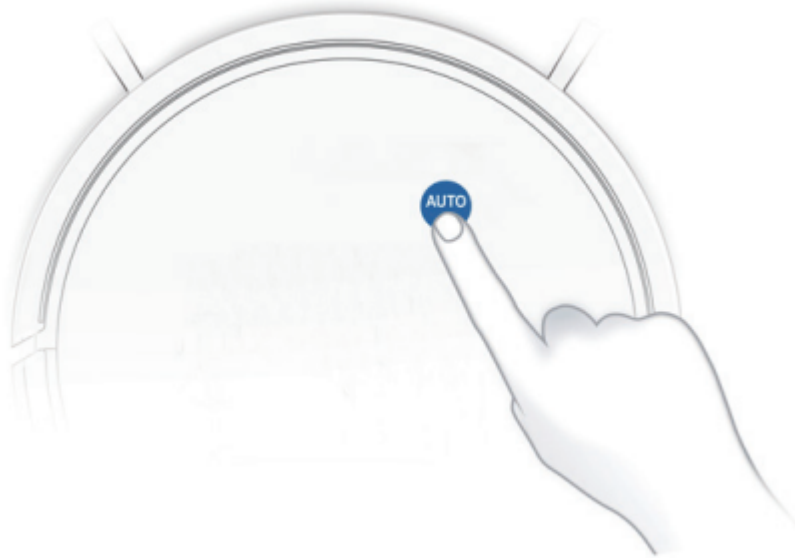


Note: When DEEBOT completes the cleaning cycle or when battery power gets low, DEEBOT automatically returns to the Docking Station to recharge itself. DEEBOT can also be sent back to the Docking Station at any time by using ECOVACS App or by pressing the AUTO Button on the robot for 3 seconds.

6. Start

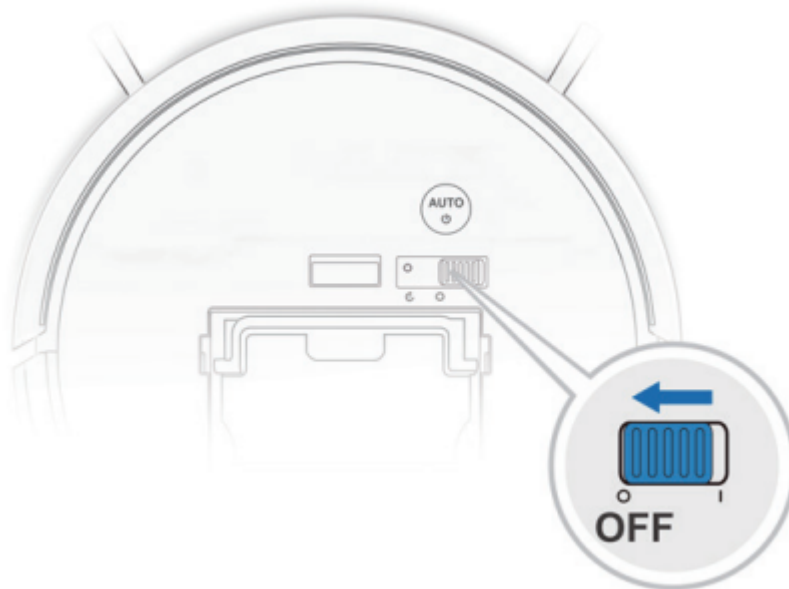


7. Pause



Note: The robot's Control Panel stops glowing after the robot is paused for a few minutes. Press the AUTO Mode Button on DEEBOT to wake up the robot

8. Power OFF



Note: When DEEBOT is not working, it is recommended to keep it switched ON and charging.

Note: For models with app-connectivity



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iOS 9.0 or later Android 4.0 or later

Choosing a Suction Option

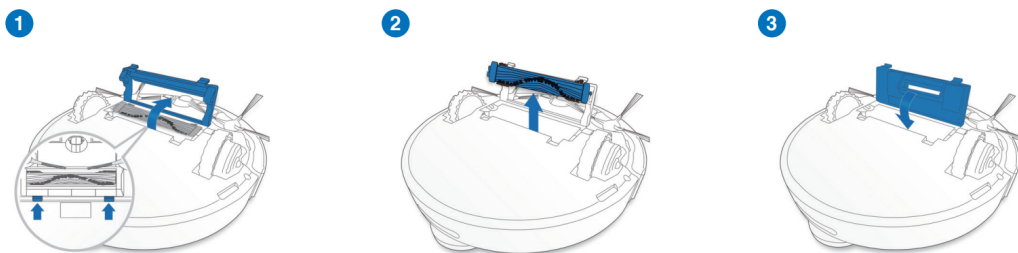
- Main Brush Option: The best choice for deep cleaning, with a combination of the Main Brush and strong suction.



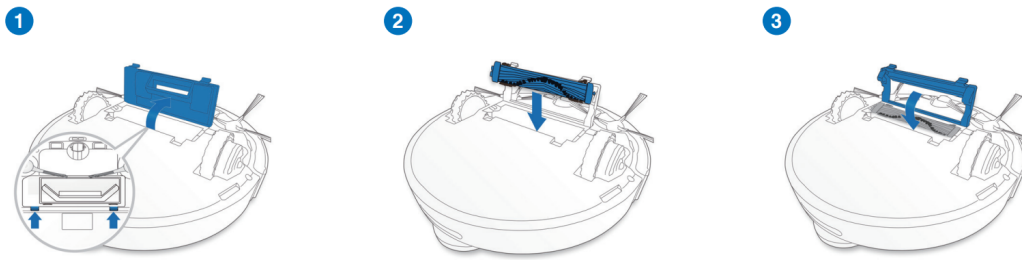
- **Direct Suction Option:** The best choice for daily cleaning. This Suction Option is specifically designed to pick up hair without getting clogged by it, and is ideal for pet owners.



Install the Direct Suction Option



Install the Main Brush Option

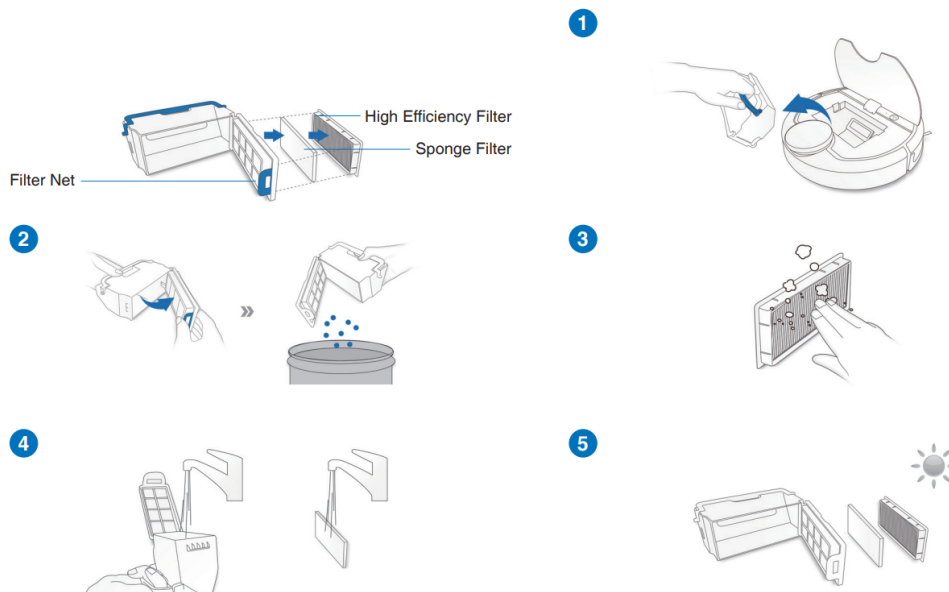


Maintenance

Before performing cleaning and maintenance tasks on DEEBOT, turn the robot OFF and unplug the Docking Station.

Dust Bin and Filters

Dust Bin

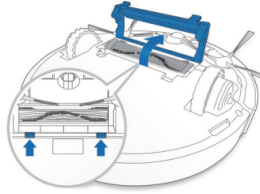


Main Brush, Direct Suction Option and Side Brushes

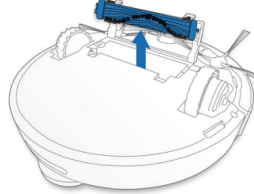
Note: A Multi-Function Cleaning Tool is provided for easy maintenance. Handle with care, this cleaning tool has sharp edges.

Main Brush

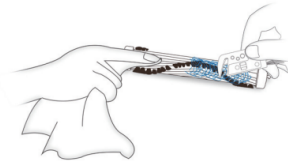
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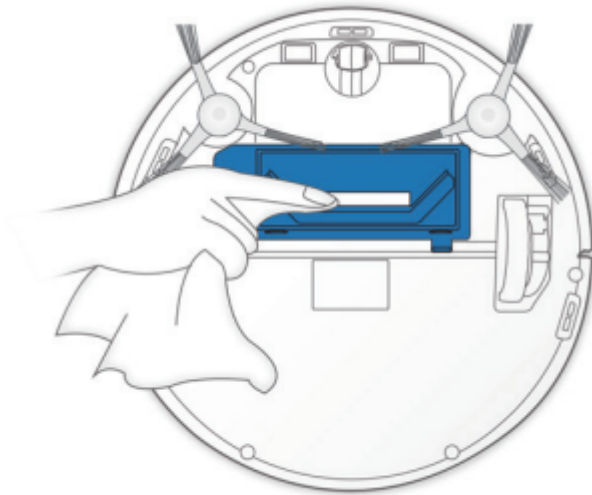
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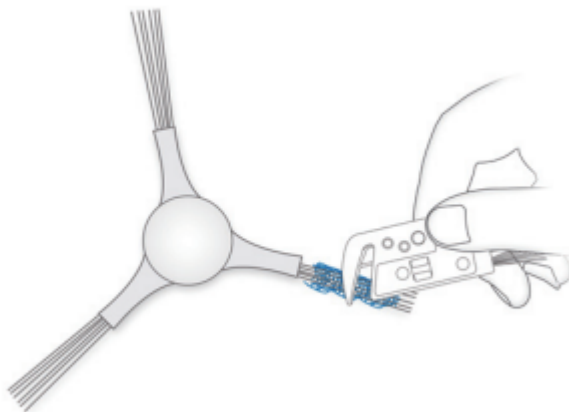
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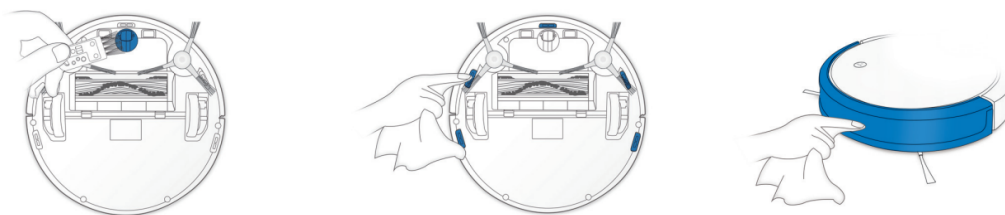
Direct Suction Option



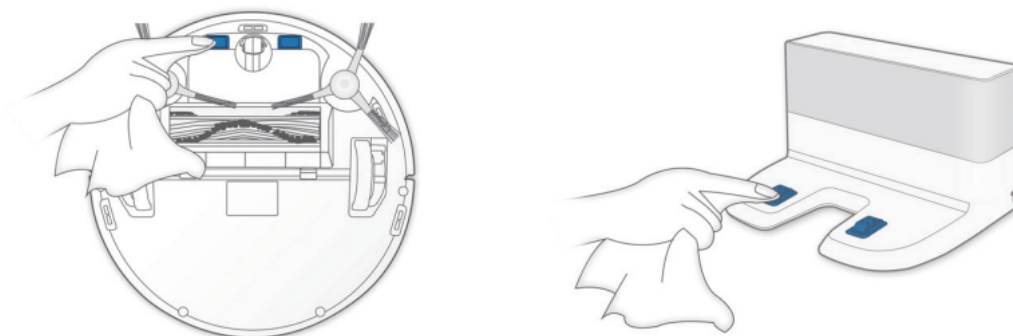
Side Brushes



Other Components



Note: Before cleaning the robot's Charging Contacts and Docking Station Pins, turn the robot OFF and unplug the Docking Station.



Regular Maintenance

To keep DEEBOT running at peak performance, perform maintenance tasks and replace parts with the following frequencies:

Robot Part	Maintenance Frequency	Replacement Frequency
Side Brush	Once every 2 weeks	Every 3-6 months
Main Brush	Once per week	Every 6-12 months
Sponge Filter/ High Efficiency Filter	Once per week	Every 3-6 months
Universal Wheel Anti-Drop Sensors Bumper Charging Contacts Docking Station Pins	Once per week	/

A multi-function Cleaning Tool is provided for easy maintenance. Handle with care, this cleaning tool has sharp edges.

Note: ECOVACS manufactures various replacement parts and fittings. Please contact Customer Service for more information on replacement parts

Troubleshooting

DEEBOT will tell you something is wrong with an alarm indicator light and sounds.

More detailed support is available through the ECOVACS App and online.

No.	Malfunction	Possible Causes	Solutions
1	DEEBOT is not charging.	DEEBOT is not switched ON.	Switch ON DEEBOT.
		DEEBOT has not connected to the Docking Station.	Be sure that the robot's Charging Cable have connected to the Docking Station.
		The battery is completely discharged.	Re-activate the battery. Switch ON DEEBOT on the Docking Station by remove after charging for 3 minutes, 3 times; then charge normally.
2	DEEBOT cannot return to the Docking Station.	The Docking Station is not correctly placed.	Refer to section 3.2 to correctly place the Docking Station.
3	DEEBOT gets stuck while working and stops.	DEEBOT is tangled with something on the floor (electrical wires, curtains, carpet fringing, etc.).	DEEBOT will try various ways to free itself. If it is unsuccessful, manually remove obstacles and restart.
4	DEEBOT returns to the Docking Station before it has finished cleaning.	When the battery gets low, DEEBOT automatically switches to Return to Charger Mode and returns to the Docking Station to recharge itself.	This is normal. No solution necessary.
		Working time varies according to floor surface, room complexity and the Cleaning Mode selected.	This is normal. No solution necessary.
5	DEEBOT does not clean automatically at the scheduled time.	Time Scheduling function is cancelled.	Program DEEBOT to clean at specific times using the ECOVACS App.
		The Continued Cleaning function is turned ON and DEEBOT has just finished cleaning the scheduled cleaning area.	This is normal. No solution necessary.
		DEEBOT is switched OFF.	Switch ON DEEBOT.
		The robot's battery is low.	Keep DEEBOT switched ON and connect it to the Docking Station to make sure it has enough battery to work at any time.

		The robot's Suction Intake is blocked and/or there is debris stuck in its components.	Power OFF DEEBOT, clean the Dust Container, invert the robot. Clean the robot's Suction Intake, Side Brushes and the Main Brush Rollers described in section 4.
6	DEEBOT does not clean the whole area	The cleaning area is not tidy.	Remove small objects from the floor and tidy up the cleaning area before DEEBOT starts cleaning.
7	DEEBOT is not able to connect to the home Wi-Fi network.	Incorrect home Wi-Fi username or password entered.	Enter the correct home Wi-Fi username and password.
		DEEBOT is not within range of your home Wi-Fi signal.	Make sure DEEBOT is within range of your home Wi-Fi signal.
		Network setup started before DEEBOT was ready.	Turn ON Power Switch. Press the Reset Button using a needle for 3 seconds. DEEBOT is ready for network setup and plays a musical tune and its Wi-Fi Indicator light flashes slowly.
		Your smartphone's operating system needs to be updated.	Update your smartphone's operating system. The ECOVACS App runs on iOS 9.0 and above, Android 4.0 and above.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

