

# DEEBOT R95

EN Instruction Manual



Congratulations on the purchase of your ECOVACS ROBOTICS DEEBOT! We hope it brings you many years of satisfaction. We trust the purchase of your new robot will help keep your home clean and provide you more quality time to do other things.

Live Smart. Enjoy Life.

Should you encounter situations that have not been properly addressed in this Instruction Manual, please contact our Customer Service Center where a technician can address your specific problem or question.

For more information, please visit the ECOVACS ROBOTICS official website:  
**[www.ecovacs.com](http://www.ecovacs.com)**

The Company reserves the right to make technological and/or design changes to this product for continuous improvement.

***Thank you for choosing DEEBOT!***

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# 1. Important Safety Instructions

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

## **READ ALL INSTRUCTIONS BEFORE USING THIS APPLIANCE.**

### **SAVE THESE INSTRUCTIONS**

1. This Appliance is not intended to be used by children under 8 or anyone lacking knowledge on proper use. Supervision may be necessary. Do not allow children to sit on or play with the Appliance.
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 Charging Dock.
6. For INDOOR household use ONLY. Do not use the Appliance in outdoor, commercial or industrial environments.
7. Use only the original rechargeable battery and Charging Dock provided with the Appliance from the manufacturer. Non-rechargeable 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 Appliance in an area where there are lit candles or fragile objects.
10. Do not use in extremely hot or cold environments (below -5°C/23°F or above 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. 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 objects into the suction intake. Do not use if the suction intake is blocked. Keep the intake clear of dust, lint, hair, or anything that may reduce air flow.
18. Take care not to damage the power cord. Do not pull on or carry the Appliance or Charging Dock 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.
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 Charging Dock if it is damaged.
21. Do not use with a damaged power cord or receptacle. Do not use the Appliance or Charging Dock 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.

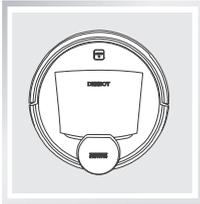
# 1. Important Safety Instructions

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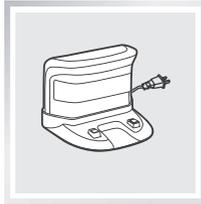
22. Turn OFF the power switch before cleaning or maintaining the Appliance.
23. The plug must be removed from the receptacle before cleaning or maintaining the Charging Dock.
24. Remove the Appliance from the Charging Dock, and turn OFF the power switch to the Appliance before removing the battery for 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 Charging Dock 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.

## 2. Package Contents and Technical Specifications

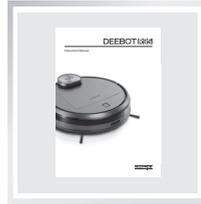
### 2.1 Package Contents



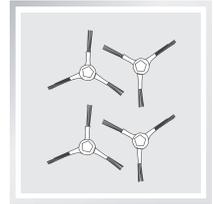
Robot



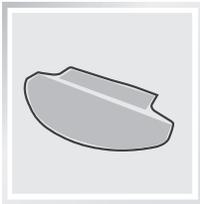
Charging Dock



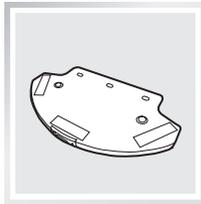
Instruction Manual



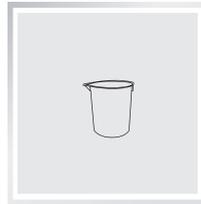
(4) Side Brushes



(2) Advanced Wet/  
Dry Cleaning Cloths



Advanced Wet/Dry  
Reservoir



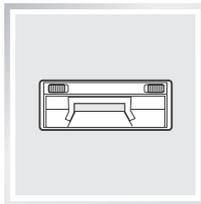
Measuring Cup



App Leaflet



Reservoir Cleaning  
Solution



Direct Suction Option

### 2.2 Specifications

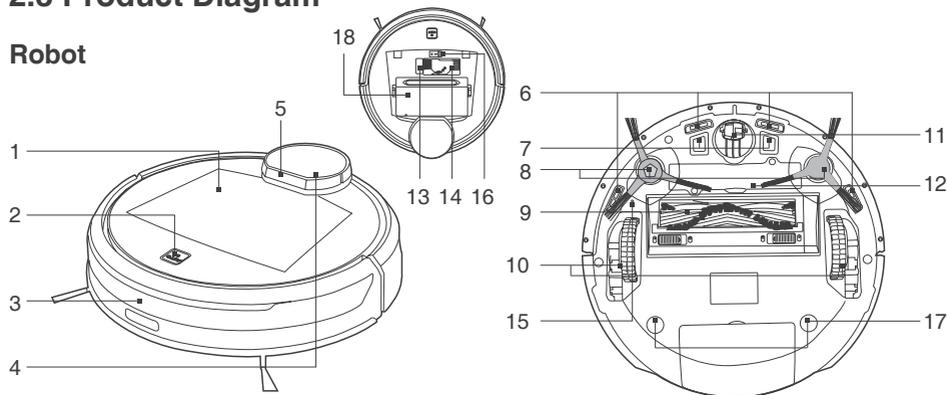
Model	DR95		
Working Voltage	14.8V DC	Rated Power	30W
Charging Dock Model	CH1465A		
Rated Input Voltage	100-240V AC	Rated Output Voltage	20V DC
Rated Output Current	1A	Rated Power	20W
Battery	Lithium Battery SC 2850mAh		

\* Technical and design specifications may be changed in the course of continuous product improvement.

## 2. Package Contents and Technical Specifications

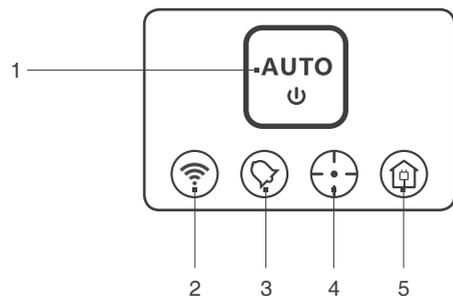
### 2.3 Product Diagram

#### Robot



- |                                      |                              |                                      |
|--------------------------------------|------------------------------|--------------------------------------|
| 1. Top Cover                         | 7. Charging Contacts         | 14. Multi-Function Cleaning Tool     |
| 2. AUTO Mode Button                  | 8. Side Brushes              | 15. RESET Button                     |
| 3. Anti-Collision Sensors and Bumper | 9. Main Brush                | 16. Power Switch                     |
| 4. LDS (Laser Distance Sensor)       | 10. Driving Wheels           | 17. Advanced Wet/Dry Reservoir Slots |
| 5. LDS Bumper                        | 11. Universal Wheel          | 18. Dust Bin                         |
| 6. Anti-Drop Sensors                 | 12. Battery Pack with Screws |                                      |
|                                      | 13. Upgrade Port             |                                      |

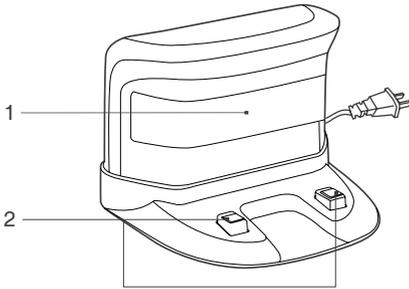
#### Control Panel



- |                                     |
|-------------------------------------|
| 1. AUTO Mode Button                 |
| 2. Wi-Fi Indicator                  |
| 3. Scheduled Cleaning Indicator     |
| 4. Mapping Indicator                |
| 5. Return to Charger Mode Indicator |

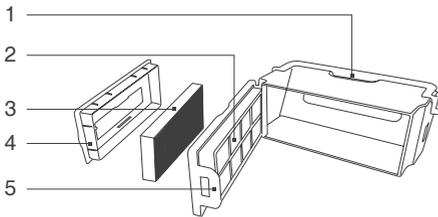
## 2. Package Contents and Technical Specifications

### Charging Dock



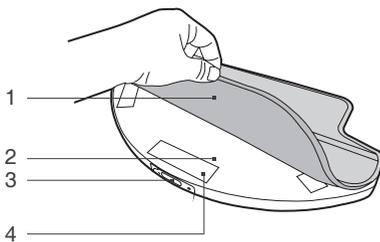
1. Infrared Signal Generators
2. Charging Dock Pins

### Dust Bin



1. Dust Bin Handle
2. Filter Net
3. High Efficiency Filter
4. Dust Bin Cover
5. Dust Bin Lock

### Advanced Wet/Dry Cleaning Cloth and Advanced Wet/Dry Reservoir

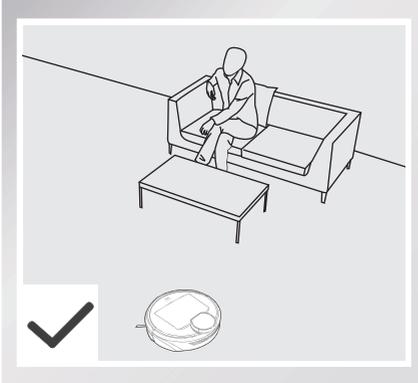


1. Advanced Wet/Dry Cleaning Cloth
2. Advanced Wet/Dry Reservoir
3. Water Inlet
4. Velcro

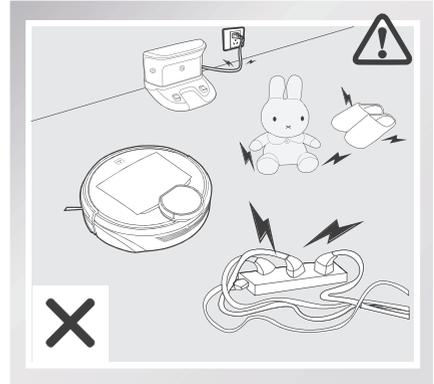
## 3. Operating and Programming

### 3.1 Notes Before Cleaning

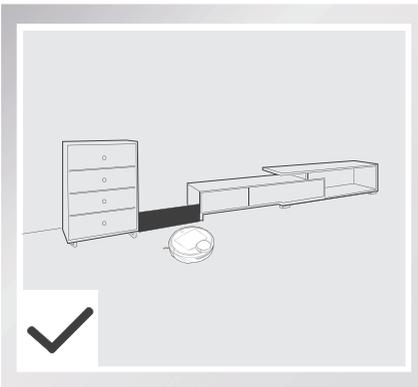
DEEBOT uses SMART NAVI technology (a proprietary laser scanning and mapping system) to scan and generate a map of the home environment. Before operating DEEBOT, take a few moments to survey the area to be cleaned and remove any obstacles.



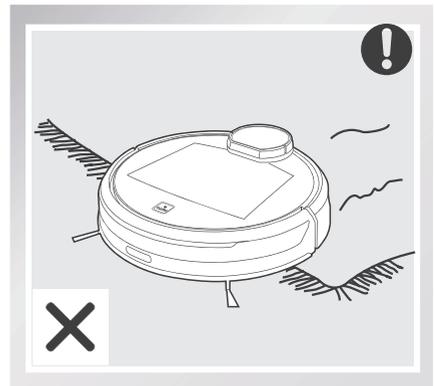
Please supervise DEEBOT during its first cleaning and assist should there be a problem.



Remove power cords and small objects from the floor that could entangle the product.

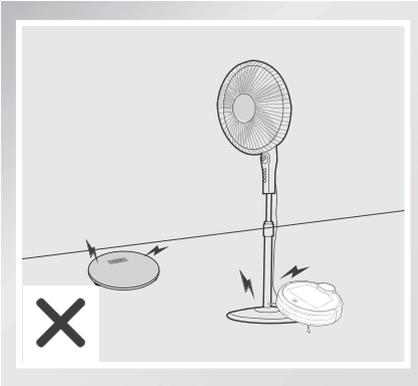


If there is a narrow entrance to a space between furniture, please place a physical barrier to stop the unit from entering that area.

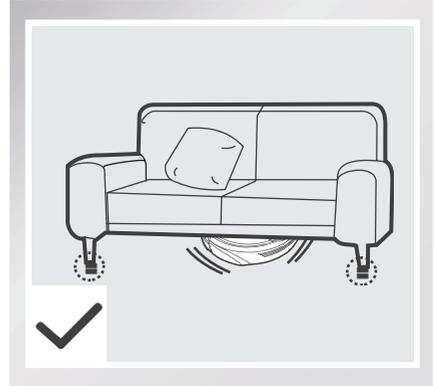


The product is not suitable for use on long pile carpet. Before using the product near an area rug with tasseled edges, please fold area rug edges under themselves.

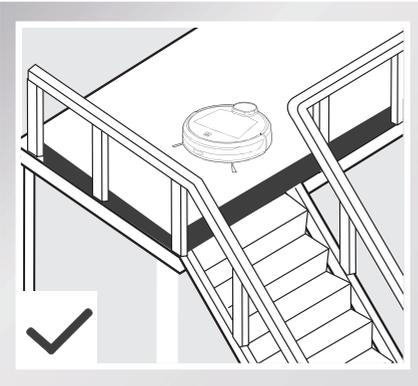
### 3. Operating and Programming



Please be aware that DEEBOT may climb on objects of less than 1.8cm (0.7") height. Please remove these objects if possible.

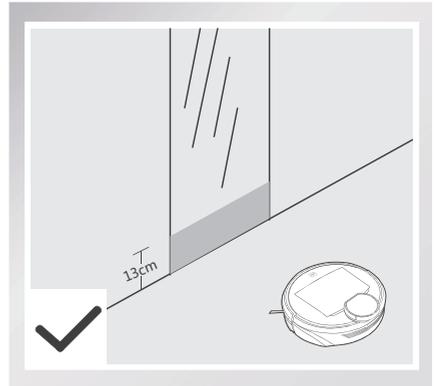


Please be aware that DEEBOT needs at least an 11cm (4.3") clearance to clean under furniture without complications.

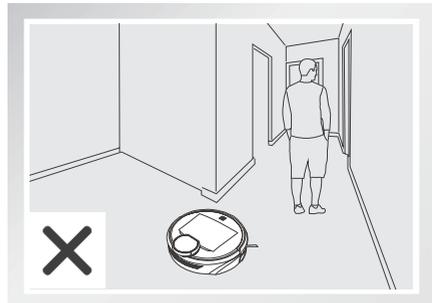


If there is a step or stairs in the cleaning area, please operate DEEBOT to ensure its Anti-Drop Sensors can detect the drop off. It may be necessary to place a physical barrier at the edge of the drop off to keep the unit from falling over the edge.

When DEEBOT is cleaning, please do not stand in narrow spaces, such as hallways, or DEEBOT may fail to identify the area to be cleaned.



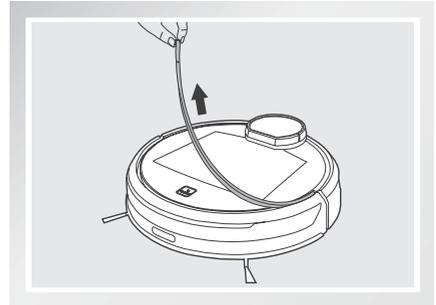
Please cover reflective surfaces 13cm (5.1") from the ground.



## 3. Operating and Programming

### 3.2 Quick Start

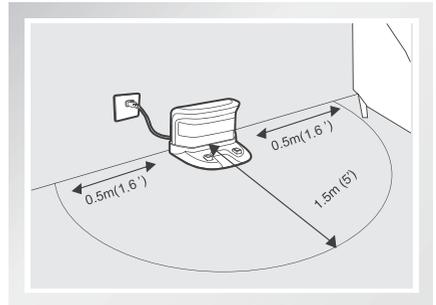
- Remove the protection strip from the robot's Bumper before use.



#### 1 Charging Dock Placement

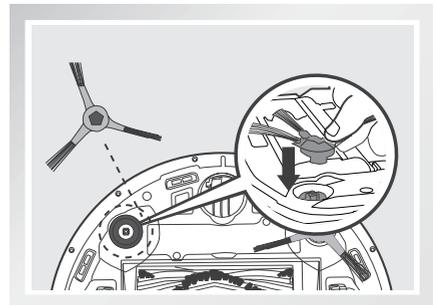
- Place the Charging Dock on a level floor surface against the wall with the base perpendicular to the ground. Keep the immediate area 1.5m (5') in front of the charger and 0.5m (1.6') on both sides of the charger clear of objects and reflective surfaces.
- Plug the Charging Dock in.

\* Do not change the location of the Charging Dock once DEEBOT has scanned the environment. If it is necessary to relocate Charging Dock, power OFF DEEBOT and then power back ON so DEEBOT can re-scan the environment.



#### 2 Install Side Brushes

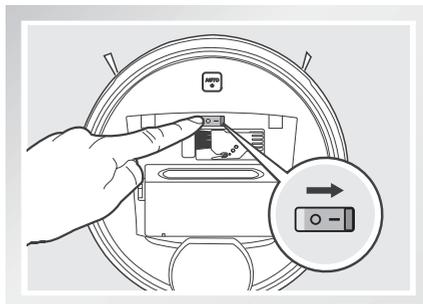
- Attach Side Brushes to the bottom of DEEBOT by pressing a brush into each slot with the matching color until it clicks.



## 3. Operating and Programming

### 3 Power ON

- Open the Top Cover. Move the Power Switch to the “I” position. The Control Panel illuminates, DEEBOT plays a musical tune and the AUTO Mode Button flashes. DEEBOT is powered ON when the AUTO Mode Button stays illuminated.



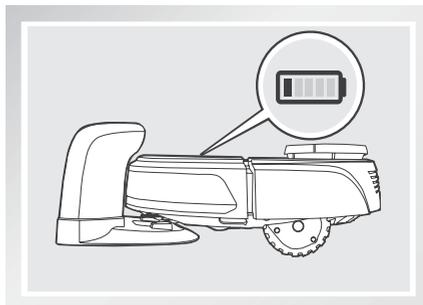
### 4 Charge DEEBOT

- Place DEEBOT on the Charging Dock making sure the Charging Contacts on DEEBOT and the Charging Dock Pins make a connection.

\* Please make sure the Power Switch is turned ON before charging. (“O” indicates OFF and “I” indicates ON).

\* Charge DEEBOT for at least 4 hours before the first use. The AUTO Mode Button flashes when charging, and goes out when DEEBOT is fully charged.

\* Remove the Advanced Wet/Dry Reservoir before charging DEEBOT.



\* Remove the robot’s battery if it will not be used for a long time. In case of battery leakage, please remove the battery and wipe the battery slot clean while wearing protective gloves.

\* If the robot’s battery is fully discharged or not used for a long time, its capacity may decrease and need to be reactivated.

\* To reactivate the battery: Place the robot on the Charging Dock by hand, remove after charging for 3 minutes; repeat 3 times, then charge normally for 3-5 hours.

\* DEEBOT uses a long life battery and does not require frequent replacement. To replace the battery, contact Customer Service or follow the below instructions:

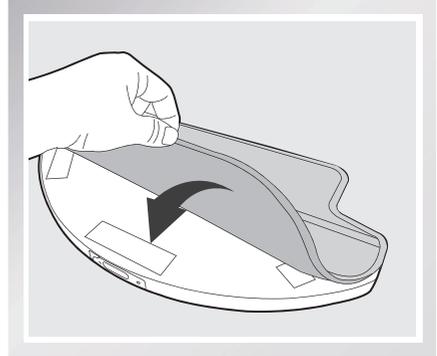
- Unscrew the Battery Pack Screws, then remove the Battery Pack.
- Insert new Battery Pack, re-insert and tighten the screws.

## 3. Operating and Programming

### 5 Attach a Cleaning Cloth, if Desired

- To use the robot's optional Advanced Wet/Dry Mopping System, attach the Advanced Wet/Dry Reservoir and an Advanced Wet/Dry Cleaning Cloth before use.

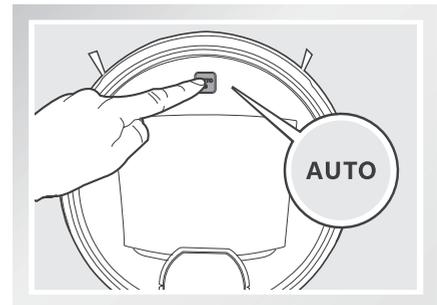
- \* When using the mopping feature, fold area rug edges under themselves so DEEBOT avoids the rug.
- \* Please see section 3.6 Optional Advanced Wet/Dry Mopping System for complete instructions.



### 6 Start

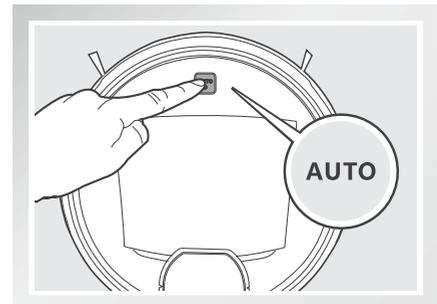
- Press the AUTO Mode Button on DEEBOT. DEEBOT moves around to scan the environment and build the map, and starts to work immediately in AUTO Cleaning Mode when finishes mapping.

- \* DEEBOT must be powered ON to clean.
- \* To choose another Cleaning Mode, please refer to section 3.3 Cleaning Mode Selection for details.



### 7 Pause

- Pause DEEBOT by pressing the AUTO Mode Button on the robot.

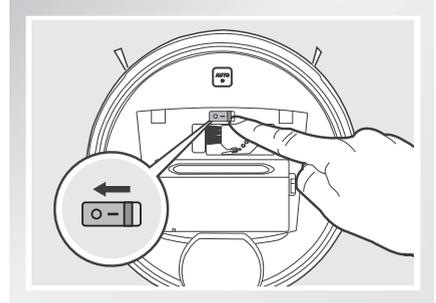


## 3. Operating and Programming

### 8 Power OFF

- Open the robot's Top Cover. Move the Power Switch to the "O" position to power OFF.

- \* When DEEBOT is not working, it is suggested to keep it powered ON and charging.
- \* DEEBOT loses its map once it is powered OFF. It is suggested to keep DEEBOT powered ON if it remains in the same home environment.



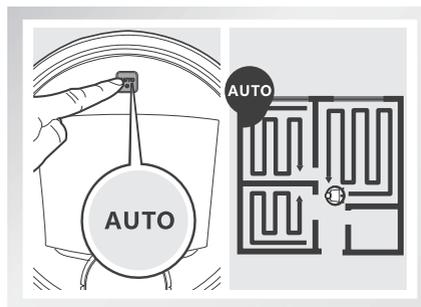
### 3.3 Cleaning Mode Selection

DEEBOT has several Cleaning Modes to choose from to effectively clean different floors. Cleaning Modes are selected using the ECOVACS App or using the AUTO Mode Button on the robot's Control Panel. For more information on the ECOVACS App, see the separate ECOVACS App leaflet.

#### 1 AUTO Cleaning Mode

This is the most commonly used mode. In AUTO Cleaning Mode, DEEBOT cleans in a back and forth straight-line pattern.

When DEEBOT finishes mapping, it immediately starts AUTO Cleaning Mode.



- To start AUTO Cleaning Mode, press the AUTO Mode Button on the robot or on the App.

## 3. Operating and Programming

### 2 Spot Cleaning Mode

This mode is applicable for an area of highly concentrated dirt or dust. In Spot Cleaning Mode, DEEBOT focuses on a specific area to clean and returns to the Charging Dock once the Spot Cleaning is completed.

- To start Spot Mode Cleaning, press  on the App's map screen. DEEBOT cleans the selected spot and a 1m/3.2' area around the spot.
- Press and hold the existing spot to delete it.

### 3 Area Cleaning Mode

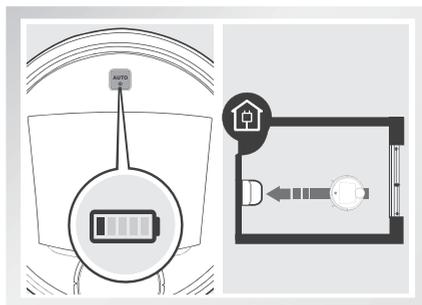
After DEEBOT has scanned and mapped the environment, specific areas on the map can be selected to be cleaned using Area Cleaning Mode. Area Cleaning Mode can only be selected using the App.

- To set or discard cleaning areas, press  on the App's map screen.

\* DEEBOT can only recognize a room with doorway ranging from 40cm (1.3') to 160cm (5.2') and perimeter larger than 8m (26.2').

### 4 Return to Charger Mode

- When battery power gets low, DEEBOT automatically switches to Return to Charger Mode and returns to the Charging Dock to recharge itself.
- DEEBOT can also be sent back to the Charging Dock at any time by pressing the Return to Charger Mode Button on the main screen of the ECOVACS App.



- \* When the Mapping Indicator  on DEEBOT is illuminated, DEEBOT is in the process of generating the map, and cannot be sent back to the Charging Dock.
- \* After pressing the Return to Charger Mode Button on the App's main screen, DEEBOT will continue cleaning until it gets close to the Charging Dock. Once it is near the Charging Dock, DEEBOT reduces power and gently docks itself to recharge.

## 3. Operating and Programming

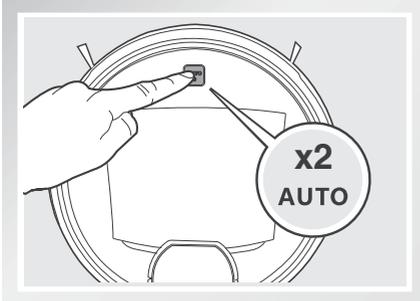
### 3.4 Programming the Robot

DEEBOT has an Intelligent Scheduling function and a Time Scheduling function to schedule cleaning times. DEEBOT can be programmed to automatically clean once per day at the same time with Intelligent Scheduling using the robot's Control Panel. DEEBOT can also be programmed weekly to clean once per day at specific times with Time Scheduling using the App. All scheduled cleanings are performed in AUTO Cleaning Mode or Area Cleaning Mode whichever is selected when scheduling the cleanings.

#### Schedule the Cleaning Time

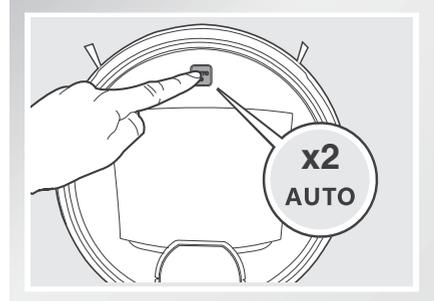
##### 1 Schedule the Cleaning Time Using Intelligent Scheduling

- DEEBOT can be scheduled to clean once per day at the same time, even if nobody is at home. Press the AUTO Mode Button on the robot twice to set the current time as the scheduled cleaning time. Intelligent Scheduling is set successfully when the robot generates a voice report. DEEBOT automatically cleans at the scheduled cleaning time every day.



##### 2 Cancel the Cleaning Time Using Intelligent Scheduling

- Press the AUTO Mode Button on the robot twice. Intelligent Scheduling is cancelled when the robot generates a voice report.



##### 3 Schedule the Cleaning Time Using Time Scheduling

DEEBOT can be programmed weekly to clean once per day at specific times using the ECOVACS App.

Open the ECOVACS App. Press “...” in top right corner on the App's main screen. Set new scheduled cleanings and cancel existing scheduled cleanings in “Time Scheduling.”

## 3. Operating and Programming

### 3.5 Additional Settings

#### Virtual Boundary

**A Virtual Boundary blocks DEEBOT from cleaning a specified area.**

To set a Virtual Boundary, press  on the App's map screen. Press and hold the Virtual Boundary to delete.

- \* DEEBOT can be manually directed to blocked areas using  in the App.
- \* DEEBOT still returns to the Charging Dock if it is placed in the blocked area.

#### Continued Cleaning Function with Do Not Disturb Option

When Continued Cleaning function is turned on, once DEEBOT is fully recharged, it automatically returns to and continues to clean the uncleaned area not completed during the last cleaning task. User can set a Do Not Disturb time to forbid DEEBOT from coming out to continue cleaning during the set time. Once Do Not Disturb function is set, “” will display on the main screen.

Continued Cleaning function is disabled during the Do Not Disturb time.

For more settings, press “...” in top right corner on the App's main screen. Check cleaning record, set Continued Cleaning function, schedule cleaning time, reset the map, set voice reporting language and update firmware are located in this area.

## 3. Operating and Programming

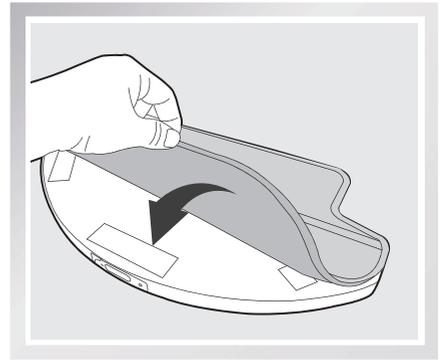
### 3.6 Optional Advanced Wet/Dry Mopping System

DEEBOT has an optional mopping system that uses an Advanced Wet/Dry Cleaning Cloth attached to the Advanced Wet/Dry Reservoir. The Advanced Wet/Dry Cleaning Cloth automatically damp mops and then dries the floor to a spotless clean.

- \* Do not use the mopping system on carpet.
- \* When using the mopping system, fold area rug edges under themselves so DEEBOT will avoid the rug.
- \* When using the mopping system, do not stop the robot and allow it to stand still. This prevents the Advanced Wet/Dry Reservoir from leaving water on the floor.
- \* Remove the Advanced Wet/Dry Reservoir before charging DEEBOT.

#### 1 Attach Advanced Wet/Dry Cleaning Cloth

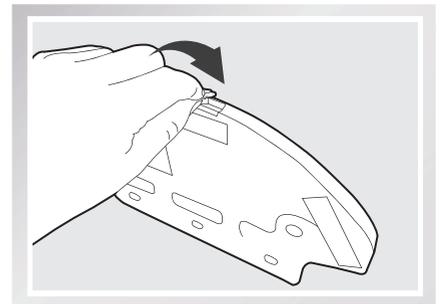
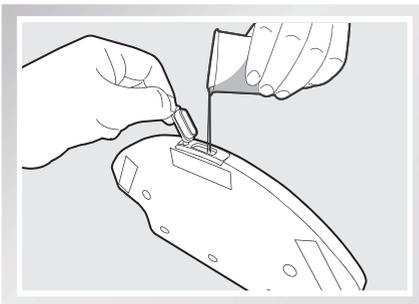
- Attach the Advanced Wet/Dry Cleaning Cloth to the Advanced Wet/Dry Reservoir.



#### 2 Add Water to the Advanced Wet/Dry Reservoir

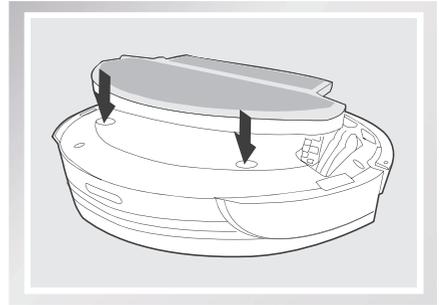
- \* Before adding water to the Advanced Wet/Dry Reservoir, remove the Advanced Wet/Dry Reservoir from the bottom of the robot.

Fill the provided Measuring Cup with water. Open the lid of the Water Inlet on the Advanced Wet/Dry Reservoir and slowly pour water from the Measuring Cup into the Reservoir. Close the Water Inlet lid.



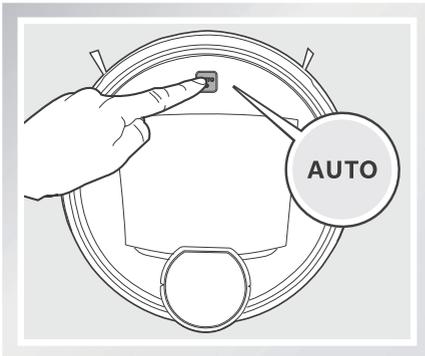
### 3. Operating and Programming

Attach the Advanced Wet/Dry Reservoir to the bottom of the robot. Insert the tabs on the Advanced Wet/Dry Reservoir into the Advanced Wet/Dry Reservoir Slots on the bottom of the robot until you hear a click.



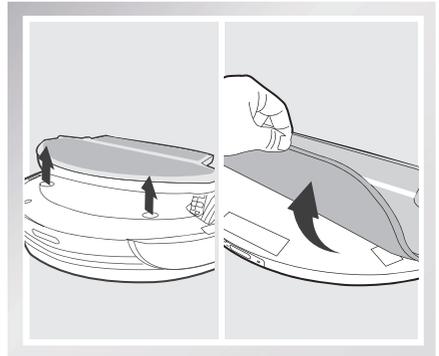
#### Start

Select the desired Cleaning Mode. DEEBOT sweeps, lifts, vacuums, mops and dries in the selected mode.



#### Remove

After DEEBOT finishes cleaning, remove the Advanced Wet/Dry Reservoir from DEEBOT, empty any remaining water, and remove the Advanced Wet/Dry Cleaning Cloth.



## 3. Operating and Programming

### 3.7 Voice Reporting

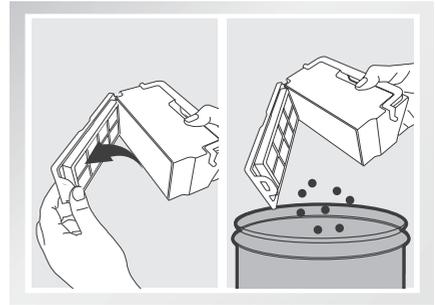
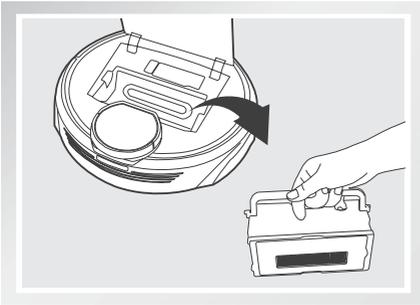
No.	Voice Report	Situation or Solution
1	My Cleaning time is scheduled.	Scheduled cleaning time is set.
2	My Cleaning time is cancelled.	Scheduled cleaning time is cancelled.
3	My Driving Wheel is suspended.	Place the robot on an even surface so it can regain traction.
4	My Driving Wheel is blocked.	Driving Wheel is blocked by an incline or doorsill. Move the robot by hand.
5	I am stuck.	DEEBOT is trapped by obstacles on the floor. Move the robot by hand and/or remove the obstacles.
6	My dust bin is missing.	The Dust Bin is missing or is not installed properly. Install or reinstall the Dust Bin and ensure it is properly seated.
7	My Brush is tangled.	Check the Main Brush and/or Side Brushes for debris or tangled hair and clean as described in section 4.
8	My Battery is low.	DEEBOT cannot find the Charging Dock. Place DEEBOT on the Charging Dock by hand.
9	My navigation system failed.	LDS has a problem. Please contact Customer Service.
10	I am connected to the Wi-Fi network.	DEEBOT is connected to the Wi-Fi network.
11	Time is synchronized.	DEEBOT time is successfully synchronized with the time on your smartphone.
12	Wi-Fi connection failed.	DEEBOT failed to connect to the Wi-Fi network.
13	Cleaning is complete.	DEEBOT has completed the cleaning cycle.
14	I am scanning. Please Wait.	DEEBOT is scanning the environment. Please wait.
15	My Map is Loading. Please Wait.	DEEBOT is analyzing and generating the map. Please wait.
16	Mapping is complete.	DEEBOT has generated the map.

## 4. Maintenance

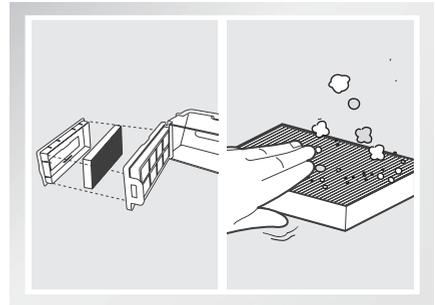
\* Before performing cleaning and maintenance on DEEBOT, power OFF the robot and unplug the Charging Dock.

### 4.1 Dust Bin and Filters

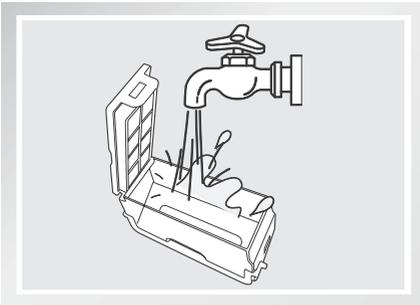
Open the robot's Top Cover and remove the Dust Bin. Open the Dust Bin Lock and empty the Dust Bin.



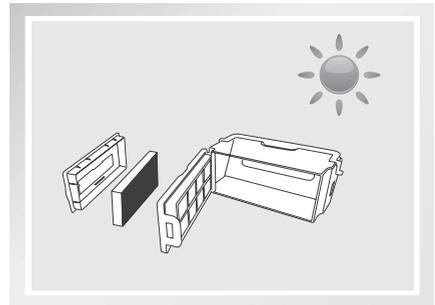
Remove the filters. Pat the High Efficiency Filter clean. Do not rinse the High Efficiency Filter under water.



Rinse the Dust Bin and Filter Net under running water.



Dry the Dust Bin and Filter Net completely before reinstalling.



## 4. Maintenance

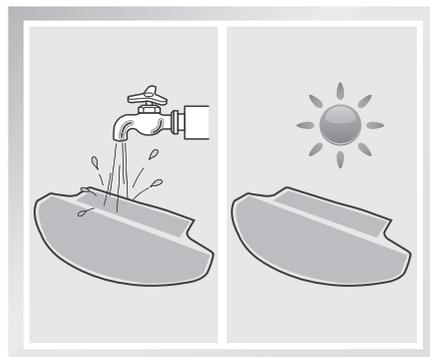
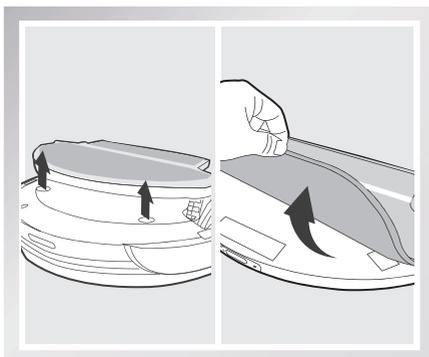
### 4.2 Advanced Wet/Dry Cleaning Cloth and Advanced Wet/Dry Reservoir

#### Advanced Wet/Dry Cleaning Cloth

If the mopping system was used, remove the Advanced Wet/Dry Reservoir from the bottom of DEEBOT and remove the Advanced Wet/Dry Cleaning Cloth.

Empty any remaining water from the Advanced Wet/Dry Reservoir.

Wash the Advanced Wet/Dry Cleaning Cloth by hand or in the washing machine, and lay flat to dry.

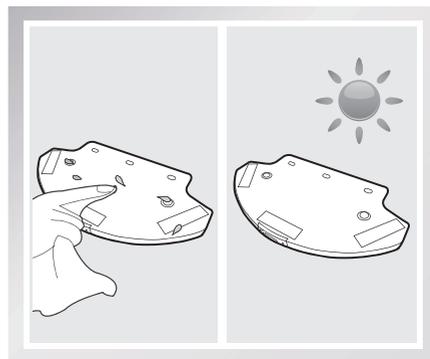
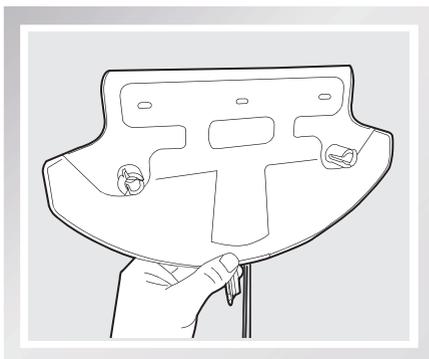


#### Advanced Wet/Dry Reservoir

If the mopping system was used, remove the Advanced Wet/Dry Reservoir from the bottom of DEEBOT.

Empty any remaining water from the Advanced Wet/Dry Reservoir and set out to dry.

Wipe the outside of the Advanced Wet/Dry Reservoir with a dry cloth.



If the Advanced Wet/Dry Reservoir does not run out of water after DEEBOT cleans for 60 minutes, the water outlets on the Reservoir are clogged. Clean the Reservoir with the provided ECOVACS Reservoir Cleaning Solution according to the instructions on the bottle of the solution.

## 4. Maintenance

### 4.3 Main Brush and Side Brushes

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

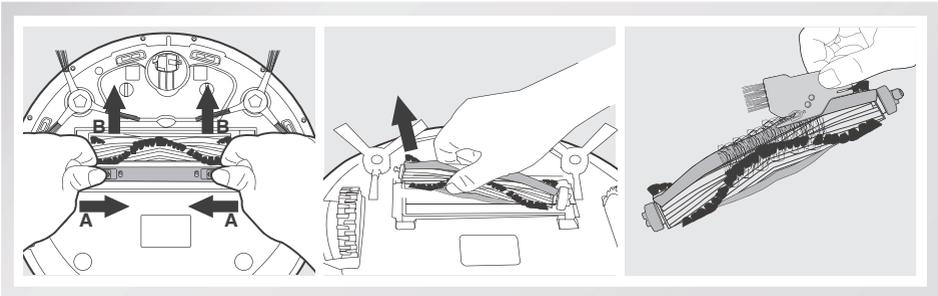
#### Main Brush

Turn the robot over. Push both buttons under the Main Brush towards the center of the robot.

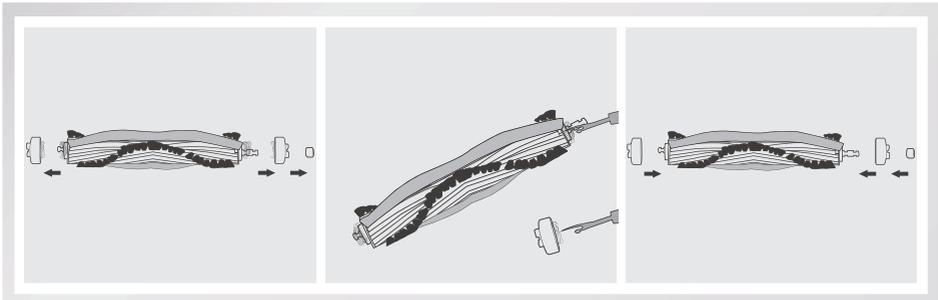
Remove the main brush cover.

Remove the Main Brush.

Use the Multi-Function Cleaning Tool to cut off and remove any hair tangled around the Main Brush.

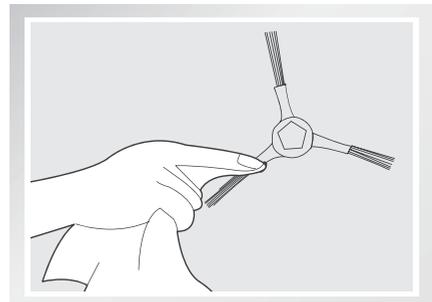


Pull out the plastic nut on the end of the Main Brush. Remove the plastic caps on both ends. Clean any tangled hair or debris from both ends of the Main Brush and inside the plastic caps.



#### Side Brushes

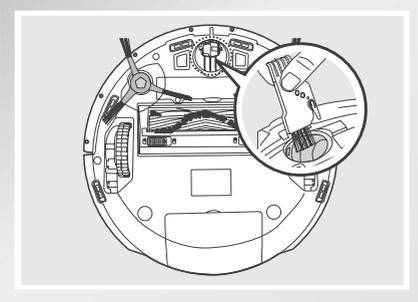
Remove the Side Brushes. Wipe the Side Brushes and their slots with a dry cloth.



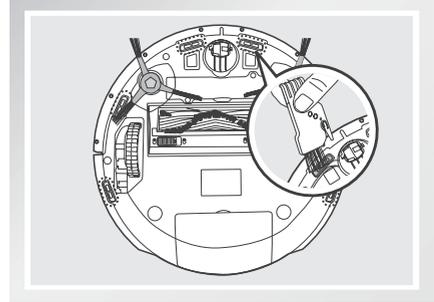
## 4. Maintenance

### 4.4 Other Components

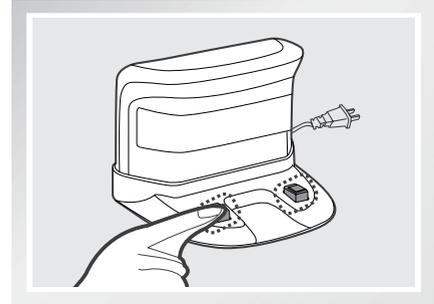
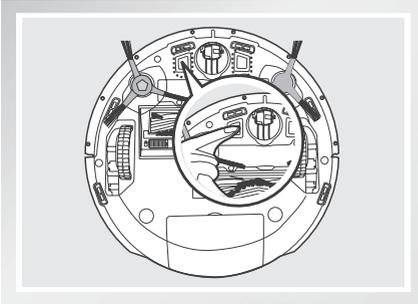
Use the Multi-Function Cleaning Tool to cut off and remove any hair tangled around the Universal Wheel.



Wipe the Anti-Drop Sensors with the brush or the felt side of the Multi-Function Cleaning Tool to maintain their effectiveness.

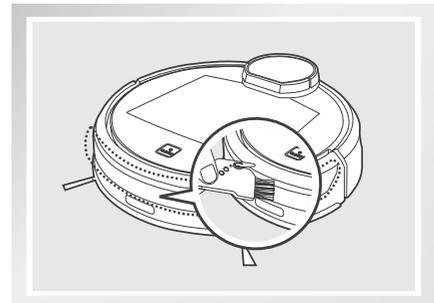


Wipe the Charging Contacts and Charging Dock Pins clean with the brush or the felt side of the Multi-Function Cleaning Tool to maintain their effectiveness.



\* Avoid touching the Charging Contacts and Charging Dock Pins with wet hands or wet cloth.

Wipe the Bumper clean with the brush of the Multi-Function Cleaning Tool to maintain the effectiveness of the Anti-Collision Sensors.



## 5. Troubleshooting

Please use this chart to troubleshoot common problems using DEEBOT R9.

No.	Malfunction	Possible Causes	Solutions
1	DEEBOT will not charge.	DEEBOT is not powered ON.	Power ON DEEBOT.
		DEEBOT has not made a connection with the Charging Dock.	Be sure that the robot's Charging Contacts have made a connection with the Charging Dock Pins. You may move the robot manually to make the connection if necessary.
		Charging Dock is unplugged while DEEBOT is powered ON, which causes battery consumption.	Plug in the Charging Dock and ensure DEEBOT is powered ON. Keep DEEBOT on the Charging Dock to make sure it has a full battery to work at any time.
		The battery is completely discharged.	Re-activate the battery. Power ON. Place DEEBOT on the Charging Dock by hand, remove after charging for 3 minutes, repeat 3 times; then charge normally.
2	DEEBOT gets into trouble while working and stops.	DEEBOT is tangled with something on the floor (electrical cords, drooping curtains, carpet fringe etc.).	DEEBOT will try various ways to get itself out of trouble. If it is unsuccessful, manually remove the obstacles and restart.
3	DEEBOT returns to the Charging Dock before it finishes cleaning.	When battery power gets low, DEEBOT automatically switches to Return to Charger Mode and returns to the Charging Dock to recharge itself.	This is normal. No solution necessary.
		Working time varies according to floor surface, room complexity and the selected Cleaning Mode.	This is normal. No solution necessary.

## 5. Troubleshooting

No.	Malfunction	Possible Causes	Solutions
4	DEEBOT will not clean automatically at scheduled time.	The scheduled cleaning time is cancelled.	Schedule a cleaning time as described in section 3.4.
		Continued Cleaning function is turned ON. DEEBOT has just finished cleaning the scheduled cleaning area.	This is normal. No solution necessary.
		DEEBOT is powered OFF.	Power ON DEEBOT.
		The robot's battery is low or is not on the Charging Dock.	Keep DEEBOT powered ON and on the Charging Dock to make sure it has a full battery to work at any time.
		DEEBOT's components are tangled with debris.	Power OFF DEEBOT, clean the Dust Bin, and invert the robot. Clean Side Brushes and the Main Brush as described in section 4.
5	DEEBOT is not able to connect to 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. DEEBOT is ready for network setup when DEEBOT 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.
6	To reset DEEBOT, press the RESET Button using a needle for 5 seconds. DEEBOT is successfully reset when it plays a musical tune.		



