Download & Connect



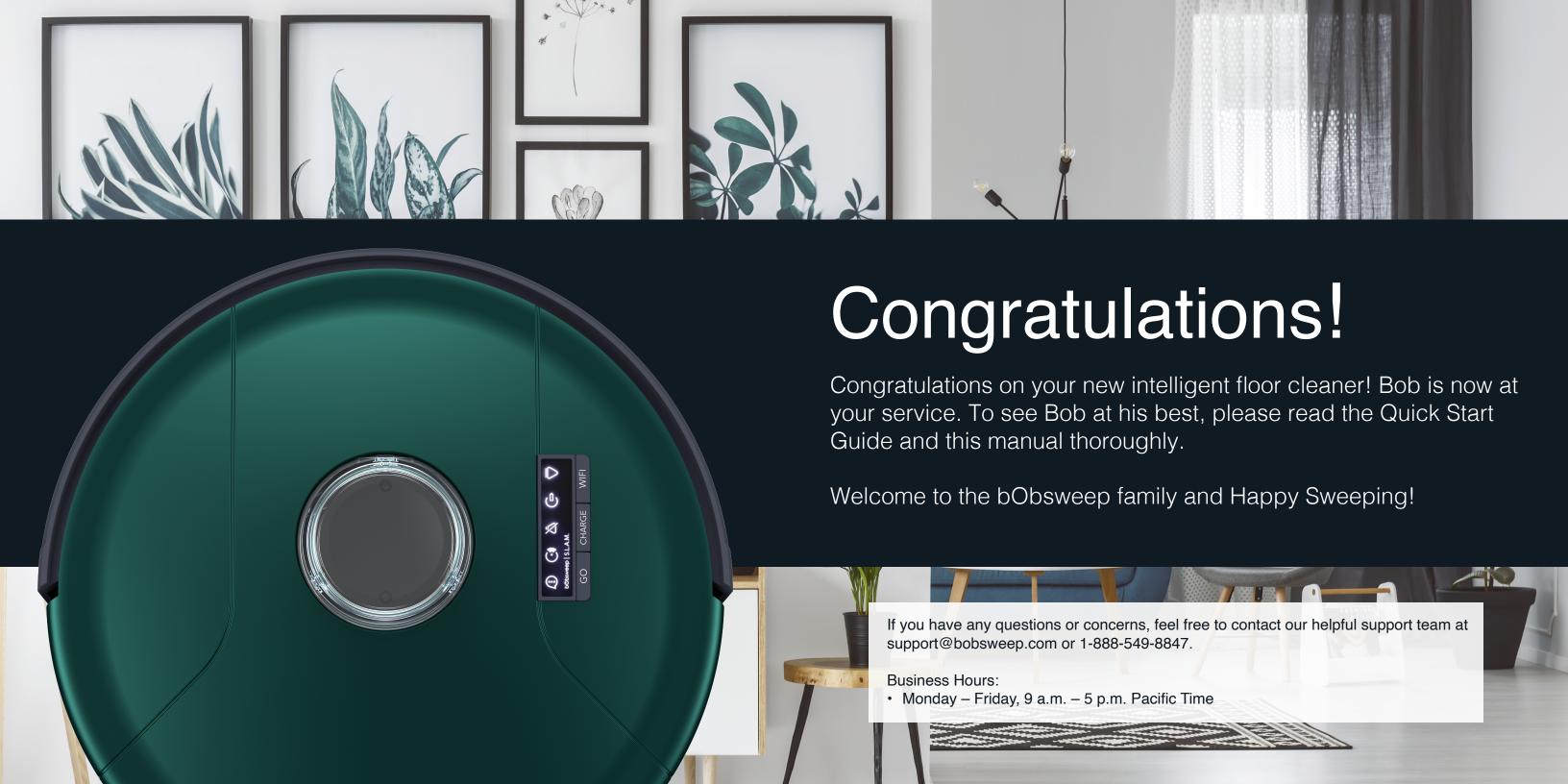


App Store Google Play



# **Bob PetHair SLAM**<sup>™</sup>

OWNER'S MANUAL



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# Important Safety Instructions

- Power Bob OFF and remove him from a power source when you are not using him and before conducting maintenance.
- Bob is not intended for use by persons (including children) with reduced physical or mental capabilities, or lack of experience and knowledge, unless under the close supervision of a person responsible for their safety.
- Leaks from the battery cells can occur under extreme usage or temperature conditions. If the liquid gets on the skin, wash quickly with water. If the liquid gets into the eyes, flush them immediately with clean water for a minimum of 10 minutes, and seek medical attention.
- Bob is composed of electronic components
  that in rare and unintended cases can cause
  hazards of heating, fire, and other
  malfunctions. Furthermore, because Bob
  is capable of autonomous movement, his use
  poses the risk of collision with property, pets,
  and persons. Unintended removal of articles
   such as small valuables, jewelry, or hair of
  persons or pets lying on the floor may also
  occur.
- If Bob or his charging station has been damaged in any way, do not operate them. Contact our support team for further assistance.
- Do not handle Bob or his charging station with wet hands; use only on dry surfaces.
- Do not pull or carry the charging station by the cord, close a door on the cord, or pull the cord around sharp edges or corners. Keep the cord away from heated surfaces. To unplug the cord, grasp the plug, not the cord.

- Do not expose Bob's SLAM LiDAR to direct sun light or infrared light.
- Do not let Bob drop. The impact from a drop can damage the SLAM LiDAR.
- Do not look directly into the rotating transmitting part (laser) of the SLAM LiDAR.
- For your safety, do not insert tools, fingers, or other items into the rotating part of the SLAM LiDAR.
- Do not attempt to open the charging station.
   Repairs on the station should only be carried out by our qualified technicians.
- With the exception of the wet mop attachment, do not immerse any part of Bob into water or other liquids.
- Do not mutilate or incinerate the battery, as it will explode at high temperatures.
- · Do not use Bob outdoors.
- · Do not store Bob in a car.
- Do not expose Bob or his charging station to temperatures higher than 113° F (45° C), moisture, or humidity.
- Do not dispose of your battery in fire. Old batteries should be recycled safely through your local recycler.
- Do not let Bob pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not use a broken or damaged adapter.

# **Declaration of Conformity**

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. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

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 receiver.
- · Connect the equipment to 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.

# Warranty

Every Bob PetHair SLAM purchased from an authorized seller comes with our warranty coverage:

- · 60-Day Money Back Guarantee
- 2-Year Standard Warranty
- 5-Year Subsidized Repair Plan
- · Lifetime of Customer Service

To claim your warranty, register your bot at www.bobsweep.com/warranties.

### Contact Us

If you have any questions or concerns, please contact our helpful support team at support@bobsweep.com or 1-888-549-8847.

#### **Business Hours:**

• Monday - Friday, 9 a.m. - 5 p.m. Pacific Time

Additional troubleshooting information and howto guides can be found on the bobsweep app and at www.bobsweep.com/support.

# **Box Contents**

# Anatomy

**Top View** 







Charging Adapter



**Charging Station** 



Cleaning Tool



Side Brushes (4)



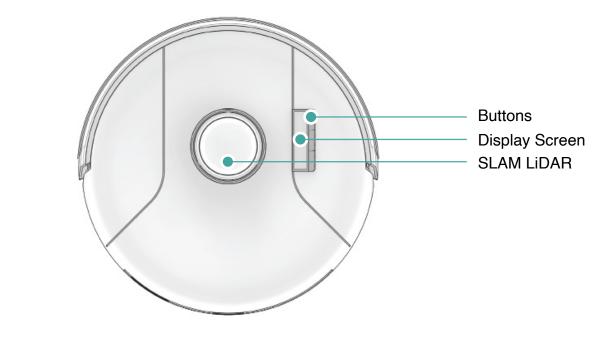
Filter



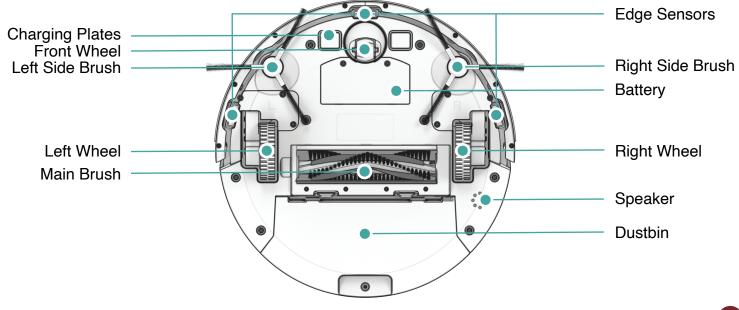
Wet Mop Attachment



Microfiber Mopping Cloths (2)

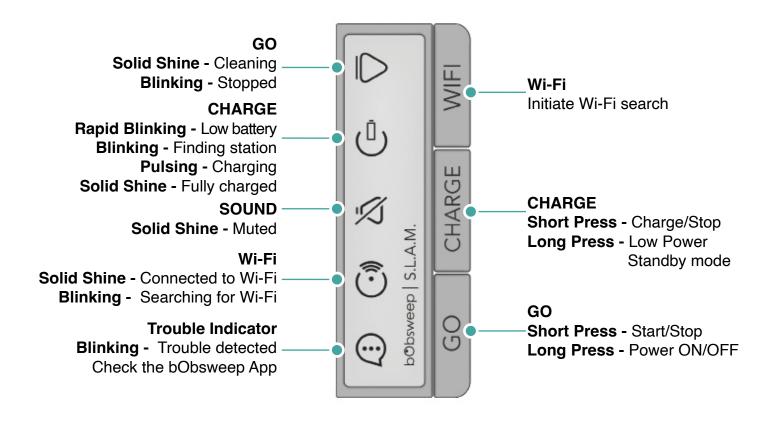


#### **Bottom View**

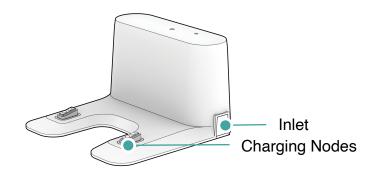


# Anatomy

#### **Display Screen and Buttons**



#### **Charging Station**



# **Getting Started**

### Who is Bob?

Bob is an autonomous robotic vacuum cleaner, at your service! Connect Bob to Wi-Fi and use the bObsweep app to schedule a customized cleaning plan for Bob to clean your home, your way.

# How does Bob find his way around?

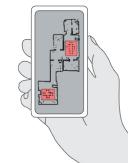
Bob uses laser vision, a network of sensors, and a state-of-the-art mapping and localizing technology to detect walls, furniture, and obstacles.

As Bob cleans, he simultaneusly creates a map of the areas he is able to access and clean. Areas where furniture and small items are found are marked on the map. View the map by clicking the Map Icon on the bObsweep App, and customize it as desired.

Using the map, and app's customization capabilities, Bob efficiently cleans your home over the course of a full cycle; just check his map and his dustbin for the evidence!

#### Edit the Map on the bObsweep app and:

- Optimize your map by Dividing or Connecting the rooms Bob has identified.
- Name the rooms on the map by Labeling them.
- Define Bob's boundaries by drawing NoSweep Zones in areas where Bob should not enter.



# Navigating Difficult Obstacles

#### Unique Furniture

Specialty furniture, such as stools with circular bases, may confuse Bob momentarily — or he may get stuck on a ledge for a few minutes, and then decide to clean somewhere else. As long as Bob does not display a trouble message, let him continue cleaning and find his own way around. Take note of the areas Bob finds most challenging and, if possible, adjust furniture accordingly, or draw NoSweep zones on the bObsweep app in those areas.

# Dark-Colored Carpet

If Bob repeatedly backs up or displays a trouble message while cleaning a dark carpet, deactivate the edge sensors.

To deactivate them, open

To deactivate them, open the bObsweep app and disable edge detection under Cleaning Preferences in Settings O.

Just remember that while Bob's edge sensors are deactivated, he will not be able to detect edges or stairs and will fall off the edge if he gets close to

### **Shag Carpet**

Bob's main brush is not designed to clean shag carpet or rugs with long fibers and fringes. If you'd like Bob to clean shag carpet or long-fibered rugs, you may remove his main brush and allow him to vacuum without it. Otherwise, draw NoSweep zones around the rug (or its fringes), to keep Austin out of trouble areas.

### Bob's First Clean

### Bob's First Clean

# Step 1: Install Bob's Side Brushes

Install Bob's side brushes to help him reach the corners and edges of rooms.

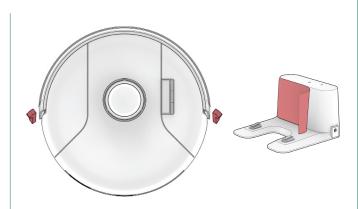
# Step 2: Power Bob ON Press and hold the GO button until the screen lights up.

#### Parts You'll Need:



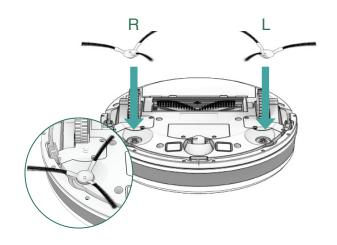
Left and Right Side Brushes

### **Before Starting**



Remove the protective pieces from Bob's bumper and charging station.

Place the left (L) and right (R) side brush over the empty socket on Bob. Press down to lock onto Bob.



### Storing Bob



If you are not using Bob for an extended period of time (over a month), power him OFF, remove his battery, and unplug his charging station. Store everything in a dry room, away from direct sunlight or extreme temperature.

If you are not going to use Bob for a while, you can place him on Low Power Standby mode (LPS mode). To do so, place Bob on his charging station. Press and hold the CHARGE button on Bob for 5 seconds. You'll hear "low power mode", confirming Bob is in LPS mode. To exit this mode, press GO on Bob while he's on the charging station, or remove him from the station.



Important Note: In this mode, Bob is offline and the bObsweep App is not able to connect to Bob. Furthermore, any scheduled cleaning will be paused.

### Bob's First Clean

### Bob's First Clean

# Step 3: Charge Bob

Place Bob on his station and allow him to charge completely.

#### Parts You'll Need:

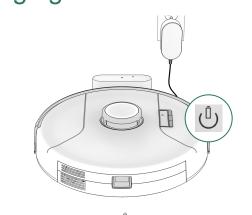


**Charging Adapter** 



**Charging Station** 

### **Charging Indicator**

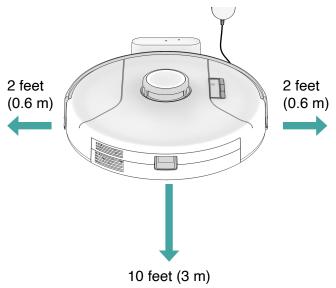


Low Battery: blinks rapidly. Finding Station: blinks.

Charging: (1) pulses.

Fully Charged: (1) shines white.

Bob returns to his charging station after cleaning. To help Bob return to his home, place the charging station on a hard, flat surface, away from edges and stairs, with plenty of room around it.



# Step 4: Download the bObsweep App

and connect Bob to Wi-Fi to gain access to Bob's full suite of features and important software updates. Follow the instructions on the app to connect to Amazon Alexa or Google Home devices.

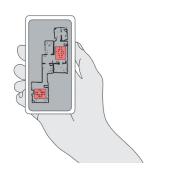
#### Items You'll Need:



**Smart Phone** 

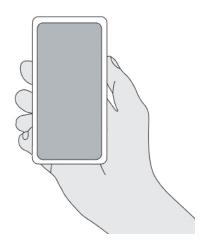


### NoSweep<sup>™</sup> Zones



Shiny surfaces, cluttered areas, and some uniquely shaped furniture can be hard to navigate. Draw NoSweep zones on the bObsweep App.

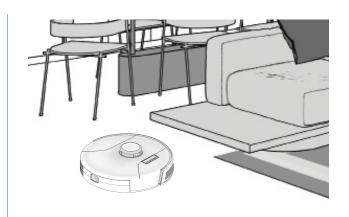
Open the bObsweep App, create your account, and follow instructions to connect your bot.



# bObsweep App

# Step 5: Let Bob Sweep! Bob is now ready to sweep! Clear away any clutter or wires and press the GO button.

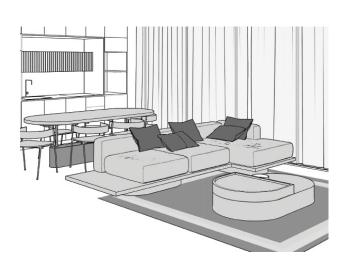
# Lifting & Moving



Do not pick up Bob while cleaning to avoid distorting his map.

It's also best not to change the location of Bob's charging station after he's done mapping the house.

Equipped with Room-to-Room™ cleaning technology, Bob automatically explores, and cleans your home in straight lines, avoiding furniture and obstacles along his path. For best results, remove any clutter before Bob starts his work.



# App Controls

For step-by-step video guides of Bob's app tutorials, visit: bObsweep.com/slam-support.

#### Home

Add multiple Bots, and access digital versions of Quick Start Guide and Owner's Manual on the Home page of the bObsweep app.



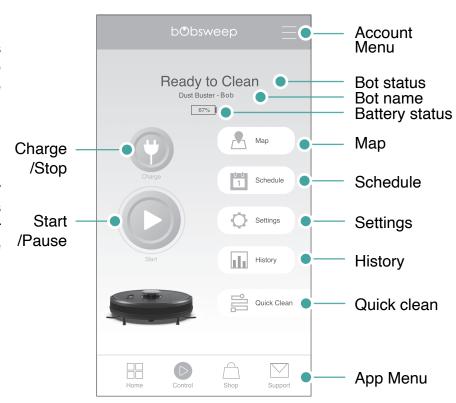
#### Control

send Bob to clean or charge, modify his settings, view or customize his map, review his cleanin history, or send him for a quick clean on the Control page of the bObsweep app.



#### Shop

Shop for parts, accessories, and extended warranty coverage plans on the Shop page of the bObsweep app.



# Maintenance

Part	Maintenance Frequency	Replacement Frequency
Dustbin	Daily	
Filter	Weekly	Every 6 months
Brushes	Weekly	Every 12 months
Sensors	Weekly	
Front Wheel	Weekly	
Battery		Every 24 months

Quick Tips: Clear debris out of nooks and crannies around the brushes and wheels.

Use tweezers to remove congestion from the brush ends and main and side brush

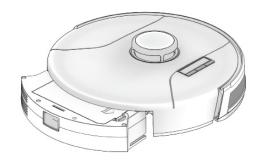
compartments on Bob.

Use scissors or cleaning tool to cut hair wrapped around the brushes.

# Maintenance

#### **Dustbin & Filters**

1. Remove the dustbin



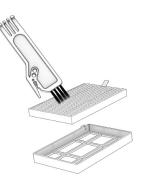
2. Open the dustbin and dump its contents.



Open the filter container and remove debris.



4. Remove and dust the filters.
Wipe the dustbin, and ensure it's dry before putting it back together.

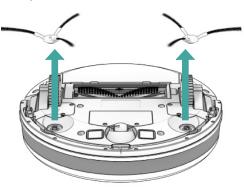


### Maintenance

# Maintenance

#### **Brushes**

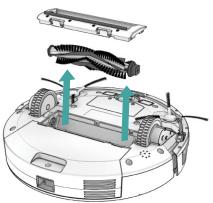
1. Pull up to remove the side brushes.



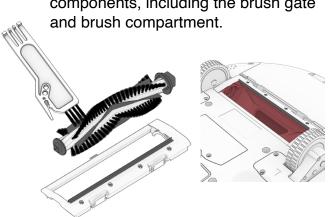
2. Remove debris from the brushes and brush sockets.



3. Pinch the tabs on the main brush gate and lift.

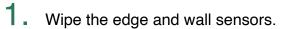


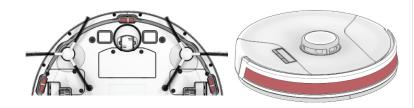
4. Clean the main brush and all its components, including the brush gate and brush compartment.



#### **Sensors**

Use a soft cotton cloth to wipe the sensors.





2. Wipe the charging plates on Bob and the charging nodes on his station.



3. Wipe the metal connectors on the dustbin and wet mop attachment.



4. Wipe the top and the area around the SLAM LiDAR.



Important Note: Bob's SLAM LiDAR is a sensitive sensor. Do not apply force, insert objects, or adjust the SLAM LiDAR. Do not sit or place items on top of Bob.

# Maintenance

#### **Front Wheel**

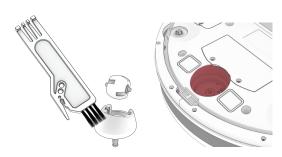
Using a flat head screwdriver for leverage, grip the wheel firmly and pull.



2. Once the wheel is removed, use the screwdriver to pry out the wheel assembly.



3. Clean the wheel and all its components, including the assembly and wheel socket.



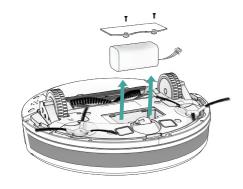
4. Replace both parts when done. Push down to lock them into place.



**Battery** 

Important Note: Power OFF Bob before replacing the battery. Press and hold the GO button.

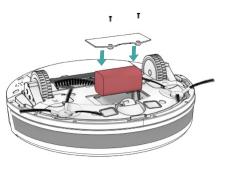
1. Use a Phillips head screwdriver to open the battery compartment.



2. Unplug the old battery and plug in your new one.



3. Slide the new battery into Bob.

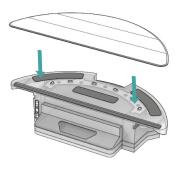


# Accessories

#### **Wet Mop Attachment**

Important Note: Use distilled water when operating in hard water areas.

1. Place the mopping cloth on the mop attachment.



2. Open the tab and fill the reservoir with water.



3. Remove the dustbin and insert the mop attachment.



# Accessories

#### **Wet Mop Attachment Maintenace**

Important Note: The reservoir should be drained after use to avoid possible water damage.

Remove the mop attachment.



2. Pull open the tab and empty the reservoir.



Tap any debris that may have collected inside the attachment.



4. Wash the mopping cloth. Air-dry all parts when done.



# Troubleshooting

Whenever Bob runs into trouble, he will stop and his trouble indicator will blink. Check the bObsweep app for trouble details.

Trouble	Solution	
Battery	Low or disconnected battery. Check connection. Reset, and charge Bob.	
Left/Right Wheel	Left/Right wheel is jammed. Check for obstruction and clean.	
Main Brush	Main brush is jammed. Remove and clean.	
Side Brushes	Side brushes are jammed. Remove and clean.	
Dustbin	Dustbin (or Mop attachment) is disconnected or contact points are dirty. Clean contact points and reinsert.  Vacuum Motor is jammed. Check for obstruction and clean.	
Edge Sensors	Bob is stuck near a cliff, is off ground, or the edge sensors are dirty. Move Bob to safety, and clean the edge sensors.	
Bumper	Bumper is dirty or jammed. Wipe around the bumper; remove any obstruction.	
LiDAR Bumper	SLAM LiDAR's bumper is jammed. Check for obstruction and clean.	
LiDAR	SLAM LiDAR is not clean/lost visibility. Clean the SLAM LiDAR and move Bob away from mirrors/metallic surfaces/walls and to the center of the room.	
Charging Station	Can't locate the charging station. Replug the charging station and charge Bob.	
User Interface	Bob's UI/USB port is not responding.Reset Bob & ensure the USB port is empty.	
Electronic	Electronic component error. Reset Bob (Power OFF and back ON).	
Stuck	Bob is stuck. Clear away obstacles/clutter/wires & reset Bob.	
Navigation	Bob is not able to navigate. Clear away any clutter/wires & reset Bob.	
Localization	Bob can't locate himself on the map. Check map accuracy/erase map to allow Austin to remap.	
Settings	Current room settings don't match Bob's. Change map settings/schedules.	

# Home Checkup Test

If Bob is not performing as well as he should, you can diagnose the problem with a simple home checkup test.

#### Putting Bob in/out of Checkup mode

#### To put Bob in Checkup mode:

Press and hold the "GO" "CHARGE" and "WI-FI" buttons simultaneously for a few seconds until the bot says: "Home Checkup Mode Activated". In this mode, Bob's LiDAR sensor rotates.

#### To exit the Checkup mode:

Press the "GO" "CHARGE" and "WI-FI" buttons together again. You'll hear "Exiting Home Checkup Mode" and Bob's LiDAR sensor stops rotating.

#### **Important Notes:**

- During the test, if Bob's left idle for over a minute, he'll automatically exit the Home Checkup Test.
- To move among Steps in the Checkup test, press the Wi-Fi button.
- To start / stop the tests in each Step, press the GO button until you hear "Begin Test" and "Stop Test". Always stop a test befor moving to the next step.

Step	Part(s) Tested	Description
1	Battery	After a full charge, test Bob's battery.
2	Edge and Wall Sensors	Test edge and wall sensors individually.
3	Charging Station	Test charging sensors individually.
4	Bumpers and Wi-Fi	Test the Wi-Fi module & touch sensors.
5	Motors (wheels, brushes, vacuum)	Test each of Bob's motors individually.
6	SLAM LiDAR and Charging	Test Bob's SLAM LiDAR and charging contact points.
7	Hard Resetting Bob	Factory reset Bob and erase all data.

For a step-by-step video guide of Bob's Home Checkup Test, visit: bobsweep.com/slam-support.

### FAQs

# Bob won't turn on no matter what I do.

If Bob is not responding to his buttons, then his battery has likely drained too low for him to operate. Place Bob on his charging station and allow him to fully charge. When placing him on the station, leave a small gap between Bob and the front of the station to ensure perfect alignment.

# I want to access Bob's latest features & keep him up-to-date

Check the App Store/Google Play Store and update the bObsweep app to access the latest features released on the bObsweep app.

Check the Bot Settings page on the bObsweep app and update Bob's software to access the latest version of Bob's operating system.

# Bob's not picking up as much as he used to.

Bob will have trouble cleaning if his dustbin is full, or his main brush is clogged or tangled with hair. Remove Bob's main brush and clean it thoroughly from end to end. Empty Bob's dustbin, and remove debris from Bob's dustbin container and brush compartments to ensure smooth flow of air.

# How do I know that Bob is fully charged and ready to clean?

When Bob is charging, the charging indicator pulses. When Bob is fully charged and ready to clean, the charging indicator shines white.

# Bob's having trouble finding his station.

You may need to relocate Bob's station to a more accessible area. Make sure the station is placed in a centralized area against the wall on a hard, flat surface away from stairs or edges, with plenty of space around it.

#### Can I pick Bob up?

Picking up and moving Bob during a cleaning session is not recommended, as it can affect his current cleaning cycle/map.

Furthermore, it's best not to relocate Bob's charging station once he has mapped his environment.

# Does Bob work with Google and Alexa devices?

Yes! Bob PetHair SLAM can be connected to Google and Alexa devices.

For more information, visit: bobsweep.com/slam-support.

# Can I make changes to the map Bob made?

Yes. Bob's map is fully customizable, and it's recommended that you review the map Bob has created and make adjustments/ modifications to the map to make it look the way you like Bob to see and clean your home. For more information, visit: bobsweep.com/ slam-support.

# Bob stopped cleaning and the trouble indicator is flashing.

When Bob is in trouble and needs your help, he will stop during a clean cycle and the trouble indicator blinks. Open the bObsweep app and find the trouble details at the top of the Control page.

# Is Bob recording with his camera?

No. Bob does not use a camera to map your home. Instead he uses his SLAM LiDAR sensor to map the layout of your home, he then uses his proprietory software to determine the best cleaning path.

#### Can I reset Bob's map/data?

Yes. To reset Bob's map and get Bob to create a fresh map of his environment, delete the current map.

This can be acheived by erasing map(s) using the bObsweep App, or performing a hard reset on Bob. For more information, visit: bobsweep.com/slam-support.

# How can I diagnose Bob's exact problem?

If Bob is not performing as well as he should, you can diagnose the problem with a Home Checkup Test. For more information on how to perform the test, visit: bobsweep.com/slam-support.

### End User License Agreement

IMPORTANT - READ BEFORE USING. Do not use the robot ("Bobsweep") accompanying this license agreement ("Agreement") until you have carefully read and agreed to the following terms and conditions.

By using the Bobsweep, you agree to the terms of this End User License Agreement ("EULA") and any amendment or addenda accompanying this Agreement. If you do not agree to the terms of this EULA, you may not use the Bobsweep. The Bobsweep contains an electronic and software interface that allows you to control or modify its behavior, and remotely monitor its sensors.

THIS IS A LEGAL AGREEMENT. BY ACCESSING AND USING THE PRODUCT AND PRODUCT SOFTWARE, YOU ARE ACCEPTING AND AGREEING TO THIS EULA ON BEHALF OF YOURSELF OR THE ENTITY YOU REPRESENT IN CONNECTION WITH THE ACCESS. YOU REPRESENT AND WARRANT THAT YOU HAVE THE RIGHT, AUTHORITY, AND CAPACITY TO ACCEPT AND AGREE TO THIS EULA ON BEHALF OF YOURSELF OR THE ENTITY YOU REPRESENT. YOU REPRESENT THAT YOU ARE OF SUFFICIENT LEGAL AGE IN YOUR JURISDICTION OR RESIDENCE TO USE OR ACCESS THE PRODUCT SOFTWARE AND TO ENTER INTO THIS EULA. IF YOU DO NOT AGREE WITH ANY OF THE PROVISIONS OF THESE TERMS, YOU SHOULD CEASE USING THE PRODUCT AND PRODUCT SOFTWARE.

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TERMINATION: This Agreement becomes effective on the date you accept this Agreement and will continue until terminated as provided for in this Agreement. You may terminate this Agreement voluntarily at any time. Bobsweep may terminate this Agreement at any time if you are in breach of any of its terms and conditions, and may refuse to license the Bobsweep Software or the Bobsweep to you after termination. Upon termination by either party, you will immediately return to Bobsweep or destroy the Bobsweep Software and the Bobsweep and all your copies thereof. Articles 5 and 7 through 17 of this Agreement shall survive such termination. U.S. GOVERNMENT RESTRICTED RIGHTS: The Bobsweep Software and the Bobsweep are provided with "RESTRICTED RIGHTS." Use, duplication or disclosure by the Government is subject to restrictions set forth in FAR52.227-14 and DFAR252.227-7013 et seq. or its successor. Use of the Bobsweep Software or the Bobsweep by the Government constitutes acknowledgment of Bobsweep's rights in them.

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INTERPRETATION PROVISION: The provisions of this Agreement are severable. If any provision of this Agreement is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this Agreement.

INTEGRATION: This Agreement represents the complete agreement concerning the subject matter hereof, and any and all understandings, conversations and communications, proposals, and counterproposals, oral and written (including any draft of this Agreement) are merged into and superseded by this Agreement and shall be of no force or effect, except as expressly provided herein. No such understandings, conversations, communications, proposals, counterproposals or drafts shall be

referred to in any proceeding concerning this Agreement. Further, no understanding contained in this Agreement shall be modified, altered or amended, except by a writing signed by the party against whom enforcement is sought.

ARBITRATION: All disputes relating to this Agreement (excepting any dispute relating to intellectual property rights) shall be subject to final and binding arbitration, with the losing party paying all costs of arbitration. Any arbitration relating to this Agreement shall be held in California, under the auspices of an arbiter selected by Bobsweep. Any litigation relating to this Agreement shall be subject to exclusive venue and jurisdiction in the federal and state courts of California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys fees and expenses.

APPLICABLE LAWS: Any claim arising under or relating to this Agreement shall be governed by the internal substantive laws of the Commonwealth of California, without regard to its principles of conflict of laws. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded.