EN

Welcome!

Dear iRobot® Roomba® Owner,

Thank you for purchasing an iRobot Roomba vacuum cleaning robot. You've joined the millions of people who clean with robots — the smarter way to get it done.

To get the best performance from your Roomba, please take a few moments to read this manual and get acquainted with it. If you have any questions, please visit www.irobot.com/support for more information.

I also encourage you to register your Roomba right now at www.irobot.com/roomba800.

By registering your robot, you'll instantly activate your warranty and start enjoying these exclusive benefits:

- **Take advantage of iRobot's award-winning customer service**: Get support tailored to your specific robot, including answers to questions, maintenance tips, video demos, live chat and more.
- **Get product updates and other valuable information**: Be among the first to find out about new robots, exclusive discounts and special promotions.

When you register, you can also tell us about your experience with your Roomba; iRobot listens to our customers and makes enhancements to our robots based on your valued feedback. We'd love to hear from you! On behalf of the entire team, thank you for choosing iRobot. We appreciate your business, feedback and loyalty. Here's to robots that make a difference!

Yours for less chores and more life,

Colin Angle
Chairman, CEO and Co-Founder
iRobot Corporation

P.S. Don't miss out on your exclusive benefits! Register your Roomba right now at www.irobot.com/roomba800.

EN

Table of Contents

Important Safety Instructions....5
Important Tips....8
iRobot® Roomba® Anatomy....10
Setting the Language....14
Cleaning Pattern....15
Cleaning Modes....16
Cleaning System....17
Battery Storage and Charging....18
Auto Virtual Wall®....19
Virtual Wall® Lighthouse™....20
Virtual Wall® Halo™....21
Home Base®....22
Remote Control....23
Wireless Command Center....24
Scheduling Roomba®....25
Regular Maintenance....28
Troubleshooting....30
Problems While Charging....31
Replaceable Modules....32
Battery Removal....33
Registration....34
Declaration of Conformity....35
iRobot® Customer Care....36

Important Safety Information

EN

THIS APPLIANCE CAN BE USED BY CHILDREN AGED FROM 8 YEARS AND ABOVE AND PERSONS WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPABILITIES OR LACK OF EXPERIENCE AND KNOWLEDGE IF THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE IN A SAFE WAY AND UNDERSTAND THE HAZARDS INVOLVED. CHILDREN SHALL NOT PLAY WITH THE APPLIANCE. CLEANING AND USER MAINTENANCE SHALL NOT BE MADE BY CHILDREN WITHOUT SUPERVISION.

CAUTION: DO NOT EXPOSE THE ELECTRONICS OF YOUR ROBOT, ITS BATTERY, OR THE INTEGRATED DOCK-CHARGER KNOWN AS HOME BASE. THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. PLEASE ENSURE VOLTAGE RATING FOR ENCLOSED HOME BASE MATCHES STANDARD OUTLET VOLTAGE.

Notice: Your robot contains a software interface for the purpose of enabling the manufacturer to provide updates to the internal firmware if any such updates are made available to users. Any attempt to access, retrieve, copy, modify, distribute, or otherwise use any of the robot software is strictly prohibited.

Always exercise caution when operating your robot. To reduce the risk of injury or damage, keep these safety precautions in mind when setting up, using and maintaining your robot:

GENERAL SAFETY INSTRUCTIONS

- Read all safety and operating instructions before operating your robot.
- Retain the safety and operating instructions for future reference.
- Heed all warnings on your robot, battery, Home Base and in the owner's manual.
- Follow all operating and use instructions.
- Refer all non-routine servicing to iRobot.

EN

Important Safety Information

The symbol on the product or its packaging indicates:
Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local authority for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. When replacing old appliances with new ones, the retailer is legally obliged to take back your old appliance for disposal at least free of charge.

USE RESTRICTIONS

- Your robot is for indoor use only.
- Your robot is not a toy. Do not sit or stand on this device. Small children and pets should be supervised when your robot is operating.
- Store and operate your robot in room temperature environments only.
- Clean with a cloth dampened with water only.
- Do not use this device to pick up anything that is burning or smoking.
- Do not use this device to pick up spills of bleach, paint, or other chemicals, or anything wet.
- Before using this device, pick up objects like clothing, loose papers, pull cords for blinds or curtains, power cords, and any fragile objects. If the device passes over a power cord and drags it, there is a chance an object could be pulled off a table or shelf.
- If the room to be cleaned contains a balcony, a physical barrier should be used to prevent access to the balcony and ensure safe operation.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure they do not play with the robot. Cleaning and maintenance shall not be performed by children without supervision.
- Do not place anything on top of your robot.
- Be aware that the robot moves on its own. Take care when walking in the area that the robot is operating in to avoid stepping on it.
- Do not operate the robot in areas with exposed electrical outlets in the floor.

Important Safety Information

BATTERY AND CHARGING

- Charge using a standard outlet only. Product may not be used with any type of power converter. Use of other power converters will immediately void the warranty.
- Use only the Home Base supplied by the manufacturer to charge this device.
- Do not use a Home Base with a damaged cord or plug. If the cord or plug is damaged, it must be serviced by the manufacturer or similarly qualified persons.
- Use only rechargeable battery packs approved by iRobot.
- Always charge and remove the battery from your robot and accessories before long-term storage or transportation.
- Charge indoors only.
- Your robot's Home Base may be protected with a surge protector in the event of severe electrical storms.
- Never handle the Home Base with wet hands.
- Always disconnect your robot from the Home Base before cleaning or maintaining it.
- Please ensure voltage rating for enclosed Home Base matches standard outlet voltage.
- Used battery packs should be placed in a sealed plastic bag and disposed of safely according to local environmental regulations.
- Before every use, check the battery pack for any sign of damage or leakage. Do not charge damaged or leaking battery packs.
- If the battery pack is leaking, return it to your local authorized iRobot Service Center for disposal.
- The battery pack must be removed from the robot before disposal.
- Only use original battery packs with the correct specification and supplied by iRobot.
- Do not crush or dismantle battery packs. Do not heat or place the battery pack near any heat source.
- Do not incinerate the battery pack. Do not short-circuit the battery pack. Do not immerse the battery pack in any liquid.

ROOMBA® USE RESTRICTIONS AND SAFETY INFORMATION

- Use Roomba only in dry environments.
- Do not spray or pour liquids on Roomba.

EN

Important Tips

Before using Roomba the first time, you must activate it by removing the battery pull tab. Charge Roomba overnight before first-time use.

Turning Roomba on and off

- To turn Roomba on, press CLEAN once. You will hear a beep, and the CLEAN button will light up.
- To start a cleaning cycle, press CLEAN again. Roomba will start a cleaning cycle.
- To pause Roomba, press CLEAN while Roomba is cleaning.
- To resume the cleaning cycle, press CLEAN again.
- To turn Roomba off, press and hold CLEAN until Roomba's lights turn off.

For Best Performance

- Empty Roomba's bin and clean its filter after every use.
- Use an Auto Virtual Wall® or Virtual Wall Lighthouse™ (optional accessories) to keep Roomba cleaning where you want it.
- Wipe all sensors with a clean, dry, soft cloth every week.
- Use Roomba frequently.

Roomba contains electronic parts. DO NOT submerge Roomba or spray it with water. Clean with a dry cloth only.

EN

Important Tips

Battery Life

To extend Roomba's battery life and keep Roomba cleaning at peak performance:

- Always keep Roomba charged when not in use.
- Recharge Roomba as soon as possible following use; waiting several days can damage the battery.
- For storage off of the Home Base, remove the battery from Roomba and store in a cool, dry place.

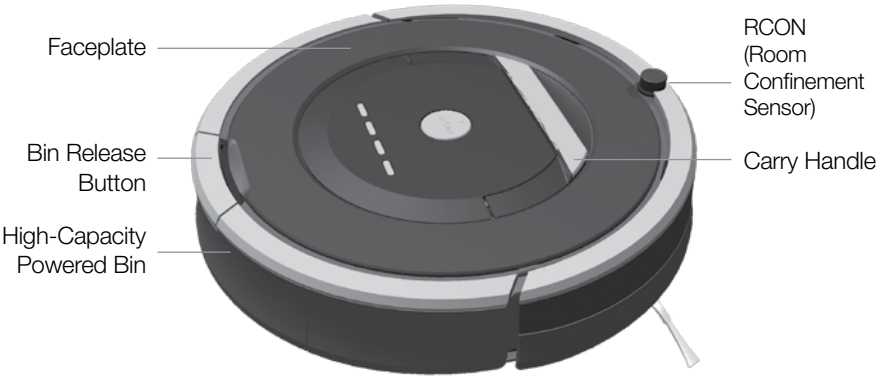
Floor Conditioning Process for Homes with Heavily Shedding Pets

In homes with heavily shedding pets, Roomba's bin may fill quickly with hair. In these environments, Roomba must go through a floor conditioning process. You can help Roomba along by scheduling it to clean frequently and emptying the bin when the Full Bin indicator lights – sometimes mid-mission. After this conditioning process, you'll enjoy consistent cleaning performance from your Roomba. For best performance, be sure to continue emptying Roomba's bin and cleaning the filter when the full bin indicator lights.

EN

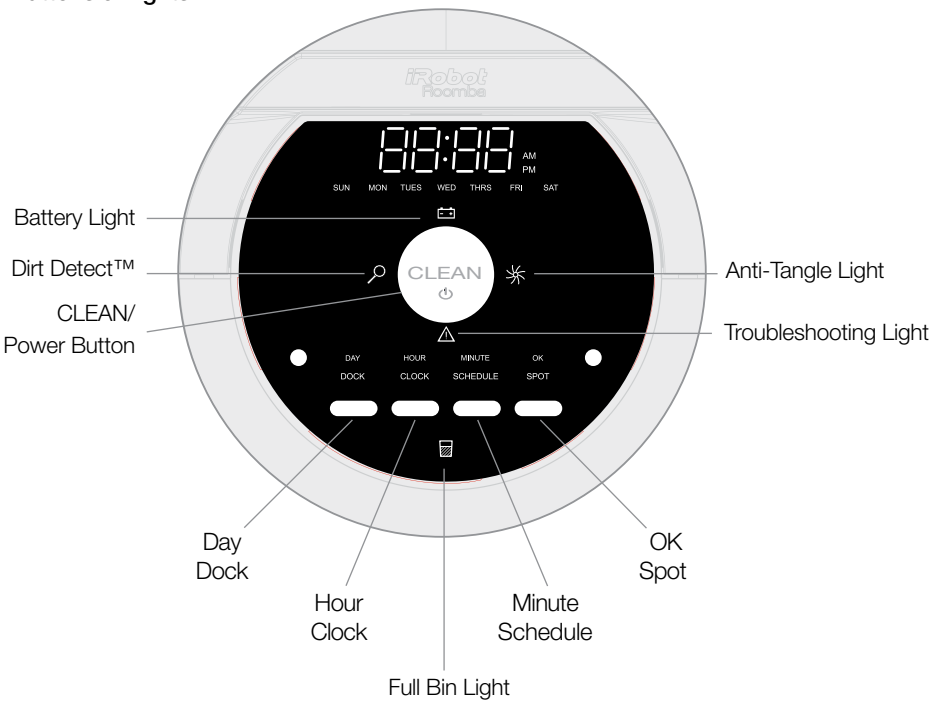
iRobot® Roomba® Anatomy

Top View



iRobot® Roomba® Anatomy

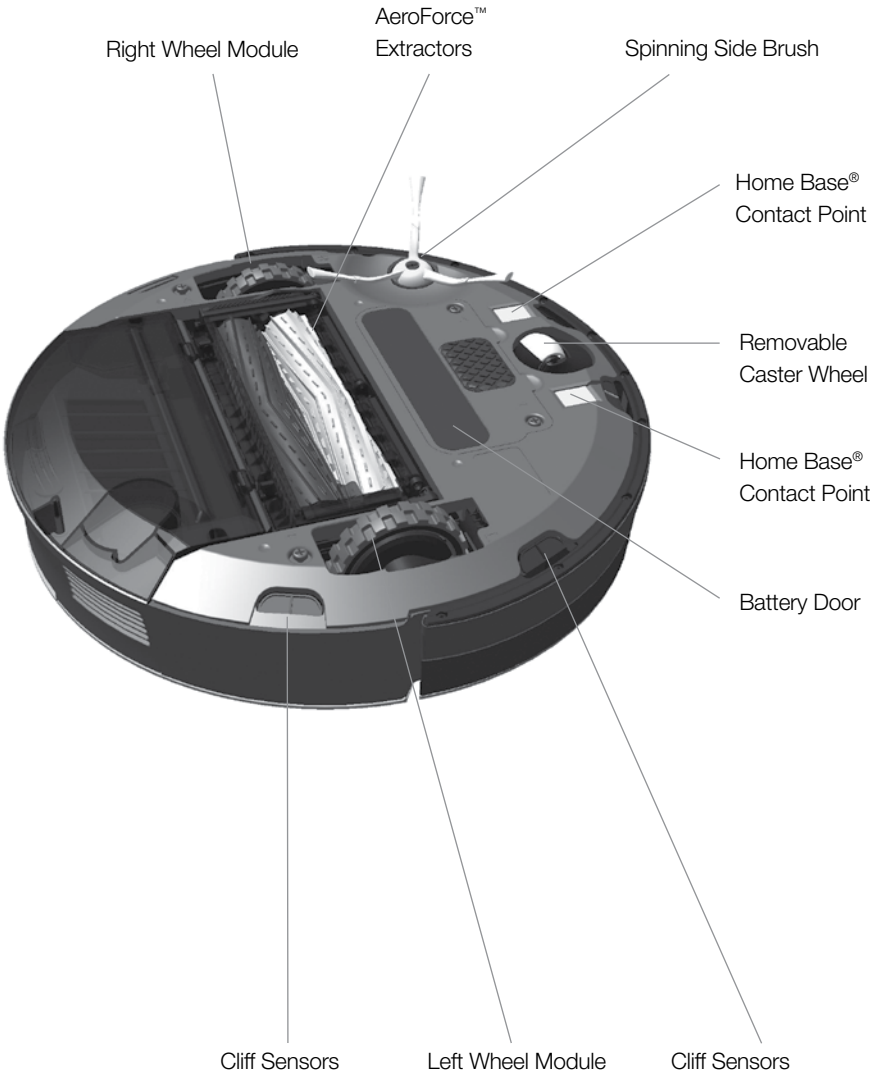
Buttons & Lights



EN

iRobot® Roomba® Anatomy

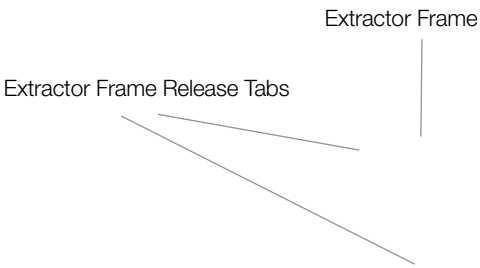
Bottom View

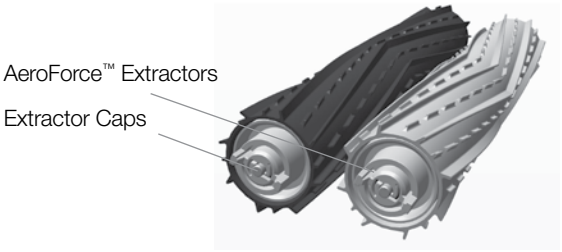


iRobot® Roomba® Anatomy

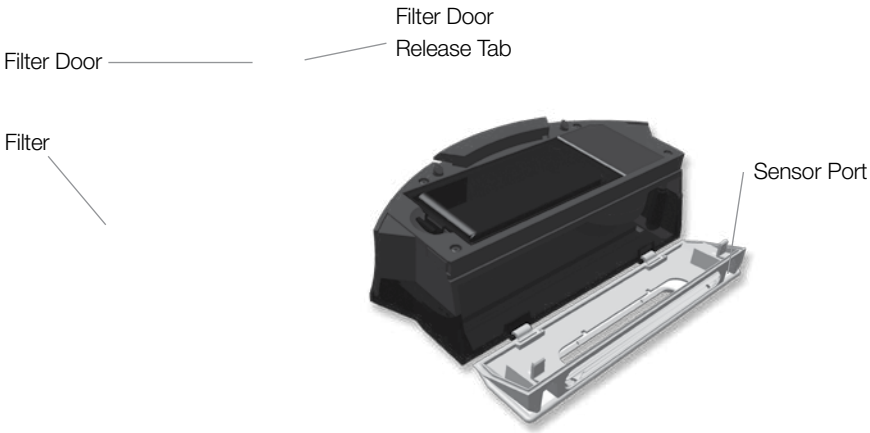
EN

Cleaning Head





High-Capacity Sealed Bin

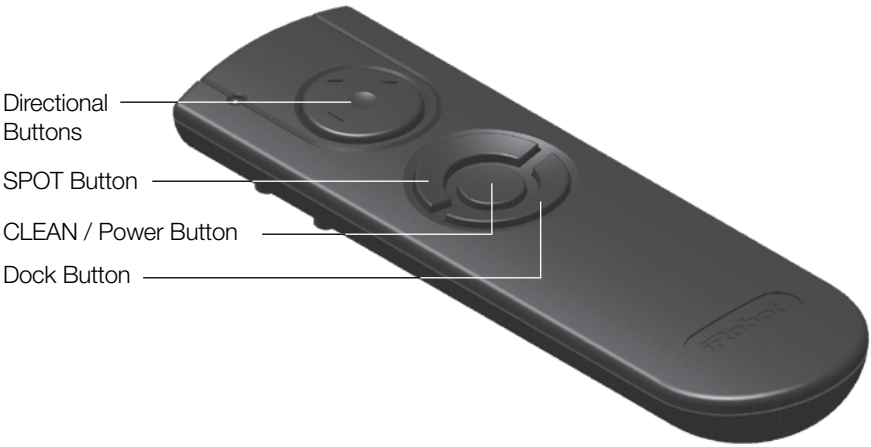


EN

Remote Control

(optional accessory for all models)

The Remote Control lets you conveniently control Roomba's functions. You can use it to turn Roomba on and off and steer it around your room without bending down. It also gives you remote access to these commands:



Before using your remote for the first time, install 2 AA batteries.

SPOT	Roomba spirals approximately three feet (1 meter) in diameter and then spirals back to where it started, intensely cleaning a local area.
CLEAN	Roomba automatically calculates the room size and adjusts its cleaning time appropriately.
Dock	Roomba attempts to dock on the Home Base®, if present.

Make sure there is a direct line of sight from the remote control to Roomba and that the remote is pointed at Roomba.

The remote control, Virtual Wall®, Lighthouse™ and Home Base® operate using an invisible infrared beam. If they are all used in the same area, Roomba may see multiple infrared signals and will not operate. The remote WILL NOT work when Roomba is near a Virtual Wall.

EN

Wireless Command Center

(optional accessory for the 880 model)

The Wireless Command Center lets you control all Roomba functions from up to 25 feet (7.6 meters) away. Use the Wireless Command Center to turn Roomba on and off, schedule up to seven cleaning times a week and steer Roomba around the room.

To schedule Roomba to clean, use the buttons on the Wireless Command Center as if they were on the robot itself. See page 25 for details on setting Roomba's clock along with setting, changing and deleting the cleaning schedule.

Before using your Wireless Command Center for the first time, install 4 AA batteries.

If you purchase a Wireless Command Center, visit www.irobot.com/support for details on setting up the Wireless Command Center with Roomba.

Scheduling Roomba®

EN

Setting the Time

You must set the time before scheduling Roomba to clean. To set the time:

1

Press CLOCK.

2

Use the DAY, HOUR and MINUTE buttons individually to set the correct time.

3

Press OK, Roomba will beep to indicate the time and date has been set.

EN

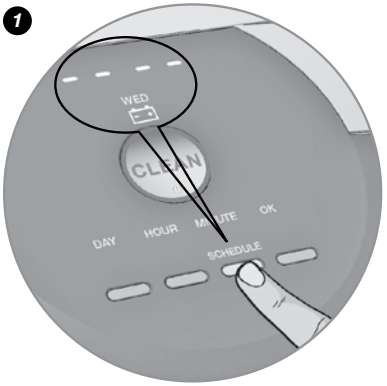
Scheduling Roomba®

Setting a Schedule

You can schedule Roomba to clean once per day, up to seven times per week.

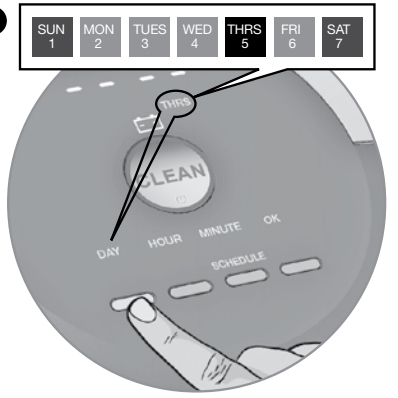
You must set the time before setting a schedule. To set a schedule:

1



Press SCHEDULE.

2



Use the DAY, HOUR and MINUTE buttons individually to set the schedule.

3

Press OK, Roomba will beep to indicate the schedule has been set.

Viewing Schedules

To view Roomba's scheduled cleaning times:

1. Press SCHEDULE.
2. Press DAY to cycle through the scheduled cleaning times.
3. Press OK.

Deleting a Schedule

To delete a scheduled cleaning time:

1. Press SCHEDULE.
2. Press DAY to cycle through the scheduled cleaning times.
3. When Roomba displays the scheduled cleaning time you'd like to delete, press and hold DAY for five seconds. Roomba will beep to indicate the cleaning time has been deleted.
4. Press OK.

Changing the Schedule

To change the cleaning schedule:

1. Press SCHEDULE.
2. Press DAY to cycle through the scheduled cleaning times.
3. When Roomba displays the scheduled cleaning time you'd like to change, press HOUR and/or MINUTE to make the change.
4. Press OK, Roomba will beep to indicate the schedule has been set.

Roomba's clock can be viewed in either the 12-hour (AM/PM) format or the 24-hour format. To toggle between the two views, press and hold CLOCK for 5 seconds. Toggle between 12-hour and 24-hour format using the CLOCK button. Press OK to save. Roomba beeps and the clock briefly illuminates to indicate the clock format has been switched.

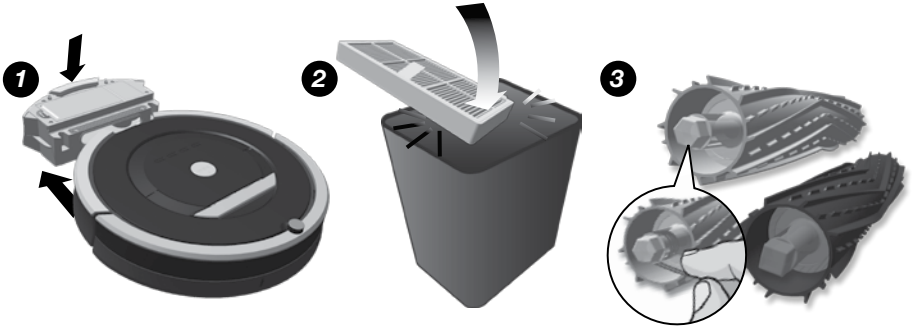
Roomba's clock will switch back to the default 12-hour (AM/PM) format when the battery is disconnected or very low on power.

EN

Regular Maintenance

To keep Roomba running at peak performance, you should perform the following maintenance:

Component	Maintain	Replace
Bin	After each use	Not applicable
Filter	Once per week (twice per week in homes with pets)	Every two months
AeroForce™ Extractors	Every four months (every three months in homes with pets)	Every twelve months
Sensors	Wipe once per week	Not applicable
Front Wheel	Once per week	As needed
Spinning Side Brush	Once per week	As needed
Roomba Contact Points	Once per week	Not applicable
Home Base® Contact Points	Once per week	Not applicable



Remove and empty Roomba's bin after each use. Press button and pull to remove bin.

Clean Roomba's filter by tapping it against your trash container. Remove the filter and shake off debris. Never wash the filter.

Clean Roomba's extractors. Remove hair from Roomba's yellow extractor caps (hair will pull out easily). Never wash the AeroForce™ extractors or extractor caps.

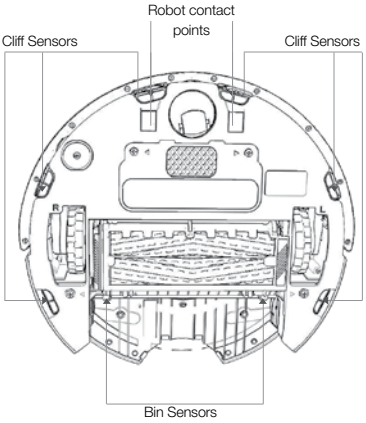
The filter door will NOT close unless a filter is reinserted.

If you notice Roomba picking up less debris from your floor, empty the bin, clean the filter and clean the extractors.

Do not attempt to run Roomba without the extractor caps. If you misplace Roomba's extractor caps, contact iRobot Customer Care for replacement caps.

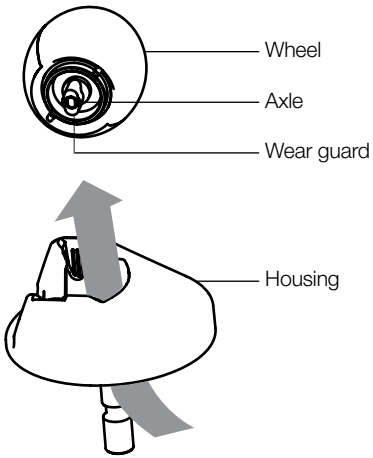
EN

Regular Maintenance



Clean Roomba's sensors.
Wipe the following items with a clean, dry cloth every week:

1. Four front cliff sensors
2. Two rear cliff sensors
3. Two Home Base contact points
4. Two robot contact points
5. Two bin sensors
6. Two inner bin sensor ports
7. Two outer bin sensor ports



Clean Roomba's front wheel.

1. Pull firmly on Roomba's front wheel to remove it from the robot.
2. Remove debris from inside the front wheel cavity.
3. Remove the front wheel from its housing by pushing it through from underneath. Clear any hair wrapped around the wear guards.
4. If the wheel rotation is still restricted, grab the wheel with one hand by placing your finger over one of the wear guards. Then, use your other hand to pull on the other wear guard to remove the axle from the wheel.
5. Clear away any hair and debris from the axle and wheel assembly.
6. Reinstall the wear guards and shaft assembly to the wheel, and the wheel to the housing.

Front wheels clogged with hair and debris could result in floor damage.

Clean spinning side brush.
Use a coin or small screwdriver to remove the screw. Then, remove the brush, clean it and reinstall it.

When maintaining Roomba, look for the yellow parts. These parts are designed to be removed and cleaned every time you empty Roomba's bin.

EN

Troubleshooting

Roomba will tell you something is wrong with a two-tone “uh-oh” sound followed by a narrated voice. The troubleshooting light will also blink. Refer to the chart below to resolve Roomba’s problem. If the problem is not resolved, visit www.irobot.com/support.

Runtime Errors

To repeat Roomba’s error message, press CLEAN.

Roomba blinks and says …	Likely cause	What to do
Error 1. Move Roomba to a new location, then press CLEAN to restart.	Roomba is stuck with a wheel hanging down.	Ensure Roomba’s wheels are firmly on the floor. If Roomba is stuck, start in a new location. If Roomba is not stuck, clean its side wheels of hair and debris. Push the wheels in and out, and check that they both turn freely.
Error 2. Open Roomba’s extractor frame and clean extractors.	Roomba’s main extractors can’t turn.	Remove and clean Roomba’s extractors and caps. Clean Roomba’s side wheels of hair and debris.
Error 5. Spin Roomba’s side wheels to clean.	Roomba‘s side wheel is stuck.	Clean Roomba’s side wheels of hair and debris. Push the wheels in and out, and check that they both turn freely. Start Roomba in a new location.
Error 6. Move Roomba to a new location, then press CLEAN to restart.	Roomba’s cliff sensors are dirty, it is hanging over a drop, or it is stuck on a dark surface.	If Roomba is stuck, start in a new location. If Roomba is not stuck, wipe its cliff sensors with a dry cloth. Start in a new location.
Error 7. Spin Roomba’s side wheels to clean.	Roomba’s side wheel is stuck.	Clean Roomba’s side wheels of hair and debris. Push the wheels in and out, and check that they both turn freely. Start Roomba in a new location.
Error 8.	Roomba’s fan is stuck.	Remove and empty Roomba’s bin. Then, briskly tap the bin to loosen any remaining trapped debris.
Error 9. Tap Roomba’s bumper to clean.	Roomba’s bumper is stuck, or the bumper sensor is dirty.	Briskly tap Roomba’s bumper several times to dislodge any debris that may be trapped underneath.

Error 10. Spin Roomba's side wheels to clean.	Roomba's side wheel is stuck, or its bumper isn't detecting obstacles.	If Roomba is circling, clean its side wheels of hair and debris. Push the wheels in and out, and check that they both turn freely. If it's not circling, Roomba may be in a very large room. Use a Virtual Wall to create a smaller cleaning area.
Error 11.	Roomba has an internal error.	Call iRobot Customer Service.

Problems While Charging

Roomba blinks…	Roomba displays…	Roomba says…	Likely cause	What to do
1 time	Err 1	Charging error 1	Roomba's battery isn't connected.	Confirm Roomba's battery pull tab is removed. Remove Roomba's battery cover, then remove and reinstall battery (see page 33).
2 times	Err 2	Charging error 2	Roomba has a charging error.	Let Roomba cool down for at least an hour and try charging again.
3 times	Err 3	Charging error 3	Roomba has a charging error.	Contact customer support.
5 times	Err 5	Charging error 5	Roomba has a charging error.	Confirm Roomba's Home Base is installed properly (see page 22). Please wipe contact points clean on Roomba and Home Base.
6 times	Err 6	Charging error 6	Roomba's battery is too warm.	Let Roomba cool down for at least an hour and try charging again.
7 times	Err 7	Charging error 7	Roomba's battery isn't cooling.	Let Roomba cool down for at least an hour and try charging again.

To reset Roomba's software, hold down the CLEAN button for 10 seconds. This will clear all scheduled cleaning times, reset the clock and resolve some software issues.

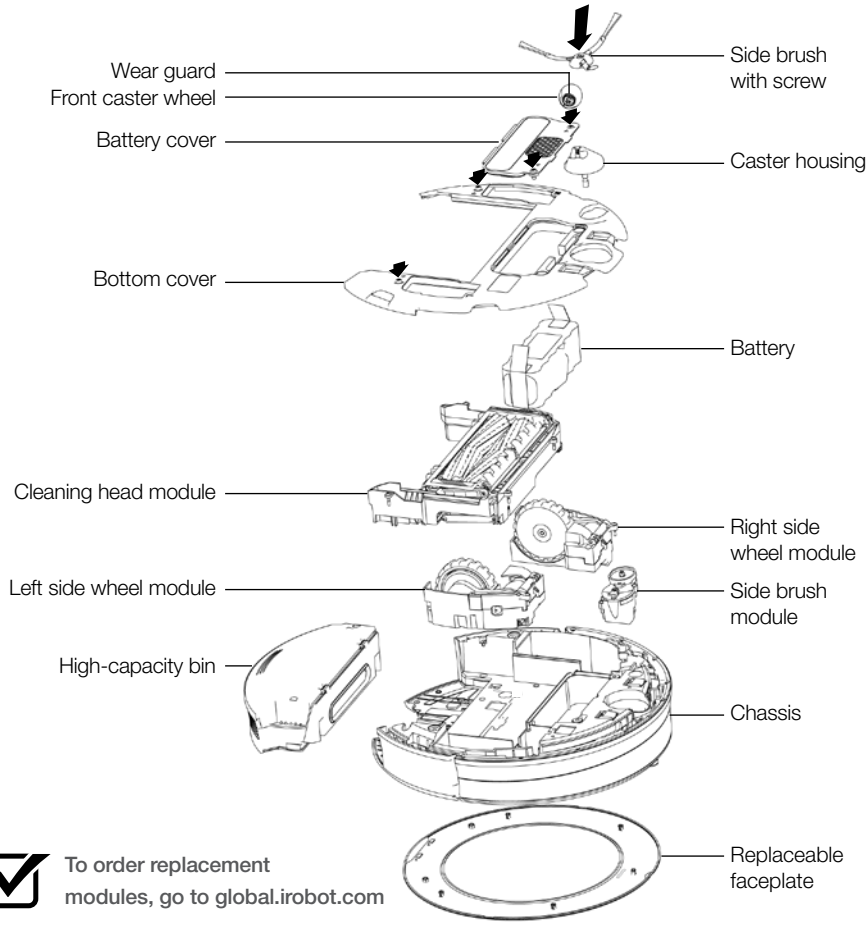
EN

Replaceable Modules

Visit global.irobot.com to order replacement parts

Roomba has a number of modules that can be replaced, including its drive wheels, spinning side brush, main cleaning head, vacuum bin, caster wheel and battery. To access Roomba's replaceable modules, remove the following items in this order:

1. The screw holding the side brush
2. The two screws holding down the battery door
3. The battery
4. The two screws holding down the bottom cover

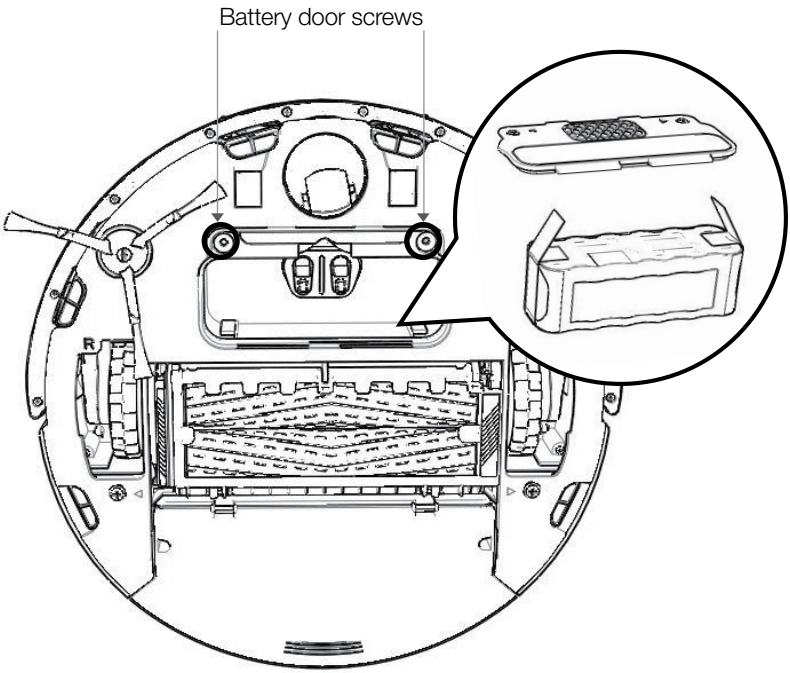


To order replacement modules, go to global.irobot.com

Battery Removal

Follow these instructions to remove and reinstall Roomba's battery.

1. Unscrew the two screws shown below and remove Roomba's battery door and battery.
2. Reinstall Roomba's battery with the iRobot logo facing up.
3. Replace Roomba's battery door and the two screws.



EN

Registration

Register your Roomba now to activate your warranty and enjoy exclusive access to:

- **iRobot's award-winning customer service:** Get support tailored to your specific robot, including answers to questions, maintenance tips, video demos and live chat.
- **Product updates and other valuable information:** Be among the first to learn about new robots, exclusive discounts and special promotions.

When you register, you can also tell us about your experience with your Roomba. iRobot listens to our customers and makes enhancements to our robots based on your valued feedback. We'd love to hear from you!

To register your Roomba, visit the 800 Series Owner's Center at global.irobot.com/register. There, you'll also find a quick start guide, instructional videos, information on accessories, frequently asked questions and more.

EN

Declaration of Conformity

iRobot Roomba® Vacuum Cleaning Robot and Accessories

Manufacturer: iRobot Corporation, 8 Crosby Drive, Bedford, MA 01730, USA
Declares that Roomba along with Model 17062 and 17063 Battery Chargers and the Home Base, conform to the requirements of:

> Low Voltage Directive 73/23/EEC as amended by 93/68/EEC and EMC Directive 89/336/EEC as amended by 92/31/EEC.

It is further declared that the Roomba and Roomba SE Robotic Vacuum Cleaner and Accessories conform to the following harmonised European standards:

> Year of CE Marking: 2004
>
> EN 60335-1:2002 + A11:2004
> Household and Similar Electrical Appliances - Safety Part 1 - General Requirements
>
> EN 60335-2-2:2003
> Household and Similar Electrical Appliances - Safety Part 2 - Particular Requirements for Vacuum Cleaners and Water-Suction Cleaning Appliances
>
> EN 60335-2-29:2002
> Household and Similar Electrical Appliances - Part 2-29 - Particular Requirements for Battery Chargers
>
> EN 55014-1:2000 + A1:2001 + A2:2002
> Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission
>
> EN 55014-1:1997 + A2:2002
> Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity - Product family standard
>
> Low Voltage tests and EMC tests have been conducted by:
> TUV Rheinland of North America

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 when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

EN

iRobot Customer Care USA & Canada

If you have questions or comments about this product, please contact iRobot before contacting a retailer.

Please visit the iRobot home support site at www.irobot.com/support for support tips, frequently asked questions and information about accessories and other iRobot products.

Should you still need assistance:
Call our Customer Care team at 877.855.8593.

iRobot Customer Care hours:

- Monday – Friday, 9AM – 7PM Eastern Time
- Saturday, 9AM – 6PM Eastern Time