

Bissell®

ICONpet™ HIGH-POWERED ROBOTIC VACUUM 2291 SERIES



Go online for a comprehensive walkthrough of your new product!

This guide has everything you need to get ready for first use, including setting up, using and maintaining your machine, but online you'll find additional resources like tips and troubleshooting, videos, product registration, parts, and more. Use the **BISSELL Connect App** or go to **support.BISSELL.com**.

IMPORTANT SAFETY INSTRUCTIONS



READ ALL INSTRUCTIONS BEFORE USING YOUR APPLIANCE.

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



WARNING

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY:

- » Do not use outdoors or on wet surfaces.
- » Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- » Do not use for any purpose other than described in this user guide. Use only manufacturer's recommended attachments.
- » Do not charge or use with damaged Docking Station, charger, cord, or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, have it repaired by a qualified technician.
- » Do not pull or carry charger by the cord or plug, close a door on cord or plug, or pull cord or plug around sharp edges or corners. Keep plug, Docking Station and charger away from heated surfaces.
- » Do not unplug charger by pulling on cord. To unplug, grasp the charger, not the cord.
- » Do not handle charger, contact points, Docking Station, or robot vacuum cleaner with wet hands.
- » Do not put any object into openings. Do not use with any opening blocked; keep openings free of dust, lint, hair, and anything that may reduce air flow.
- » Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- » Do not use to pick up flammable or combustible materials (lighter fluid, gasoline, kerosene, etc.) or use in areas where they may be present.
- » Do not use in an enclosed space filled with vapors given off by oil-based paint, paint thinner, some moth-proofing substances, flammable dust, or other explosive or toxic vapors.
- » Do not use to pick up toxic material (chlorine bleach, ammonia, drain cleaner, etc.).
- » Do not pick up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
- » Do not use without Filter in place.
- » Keep appliance on a level surface.
- » Do not carry the robot vacuum cleaner while it is running.
- » Remove the cords from other corded products out of the area to be cleaned.
- » Do not operate the vacuum in a room where an infant or child is sleeping.
- » Do not operate the vacuum in an area where there are lit candles or fragile objects on the floor.
- » Do not operate the vacuum in a room that has lit candles and/or fragile objects on furniture that the vacuum may accidentally hit or bump.
- » Do not allow children to sit on the vacuum.
- » Prevent unintentional starting. Ensure the Power Switch is in the OFF position before connecting to battery pack, picking up or carrying the appliance. Carrying the vacuum with your finger on the Power Switch or energizing appliance while carrying it invites accidents.
- » Turn OFF the appliance before making any adjustments, changing accessories or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.
- » Do not subject battery pack to mechanical shock.
- » Recharge only with the charger specified by the manufacturer.

A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

» When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws, or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.

» Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

» Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.

» Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 266°F / 130°C may cause explosion.

» Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.

» For use only with battery pack 2753 or 16186104.

» For use only with charger model ZDS5WZ25160US.

» Do not modify or attempt to repair the appliance or the battery pack.

» Do not charge the unit outdoors.

» Do not position Docking Station near stairs or cliff edges.

» Follow all charging instructions. Keep the temperature range between 40-104°F / 4-40°C when charging battery, storing unit or during use. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.

» This product contains a wireless device. Refer to website for regulatory information.

» Plastic film can be dangerous. To avoid danger of suffocation, keep away from children.

» Do not plug in your vacuum cleaner UNTIL you are familiar with all instructions and operating procedures.

» Dispose of used batteries promptly and properly.

» Do not dismantle, open or shred battery pack.

» Do not short-circuit battery pack. Do not store haphazardly in a box or drawer where they may be short-circuited by other metal objects.

» Do not remove battery pack from its original packaging until required for use.

» Observe the plus (+) and minus (-) marks on the battery pack and equipment and ensure correct use.

» Seek medical advice immediately if battery pack or parts of the battery pack has been swallowed.

» Wipe the battery terminals with a clean dry cloth if they become dirty.

» Do not leave battery pack on prolonged charge when not in use.

» After extended periods of storage, it may be necessary to charge and discharge the battery pack several times to obtain maximum performance.

» Remove the battery pack from the equipment when not in use.

» Battery pack usage by children should be supervised.

» Keep battery pack clean and dry.

» Battery pack needs to be charged before use. Refer to the manufacturer's instructions for proper charging instructions.

» Do not use any battery pack which is not designed for use with the vacuum.

» Turn OFF the appliance and disconnect charger from electrical outlet before making any adjustments, troubleshooting, changing accessories or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.

» This product contains a Class I laser sensor. This class is eye-safe under all operating conditions.

» Do not pick up hard objects such as glass, nails, screws, coins, etc.

FCC/IC NOTICE: 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 radiofrequency 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: (1) Reorient or relocate the receiving antenna.

(2) Increase the separation between the equipment and receiver.

(3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. (4) Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This device complies with Part 15 of FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux parties 15 des règles de la FCC et du CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

The device has been evaluated to meet general RF exposure requirement. This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radiofrequency (RF) Exposure Guidelines and RSS-102 of the IC radiofrequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 20cm or more from a person's body. This device supports 20 MHz and 40 MHz band-width modes. The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Cet équipement est conforme aux limites d'exposition aux rayonnements électromagnétiques (RE) de la FCC, lignes directrices d'exposition et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement doit être installé et utilisé en gardant une distance de 20 cm ou plus entre le dispositif rayonnant et le corps. L'appareil a été évalué pour répondre aux exigences générales d'exposition RF. Le dispositif a été évalué à reproduire un environnement d'exposition générale.

SAVE THESE INSTRUCTIONS

THIS MODEL IS FOR HOUSEHOLD USE ONLY.

The software included in this product contains open source software. The open source licenses associated with this product may be obtained by visiting www.BISSELL.com/opensource. With regards to GNU Lesser General Public License Version 2.1, you may obtain the complete corresponding source code for a period of three years after the last shipment of this product by visiting www.BISSELL.com/opensource/2291 which leads to the download page for such source code. This offer is valid to anyone in receipt of this information.

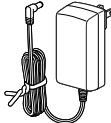
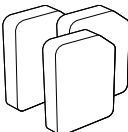


We're so happy you chose the high-powered ICONpet™ Robotic Vacuum. We put this guide together to help you set up, use and maintain your robot. We've also included some tips we think will come in handy when you first start using your robot, so let's get started!

For a comprehensive walkthrough of your robot, use the **BISSELL Connect App** or go to **support.BISSELL.com**.

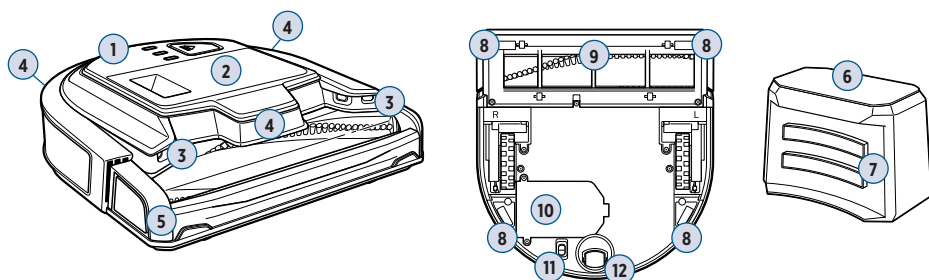
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What's in the Box?

			
BISSELL® ICONpet™ Robotic Vacuum	Power Adapter	Docking Station	Filter Pack <i>Select Models</i>

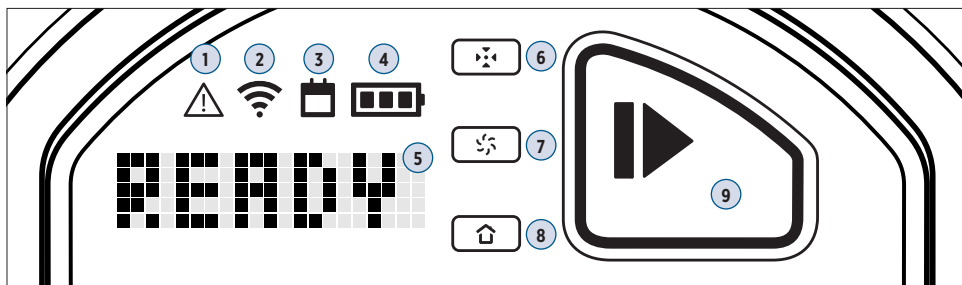
Product View

➤ For more information about your robot, download the BISSELL Connect App, see instructions on page 5 or visit **support.BISSELL.com** for additional support videos and information.



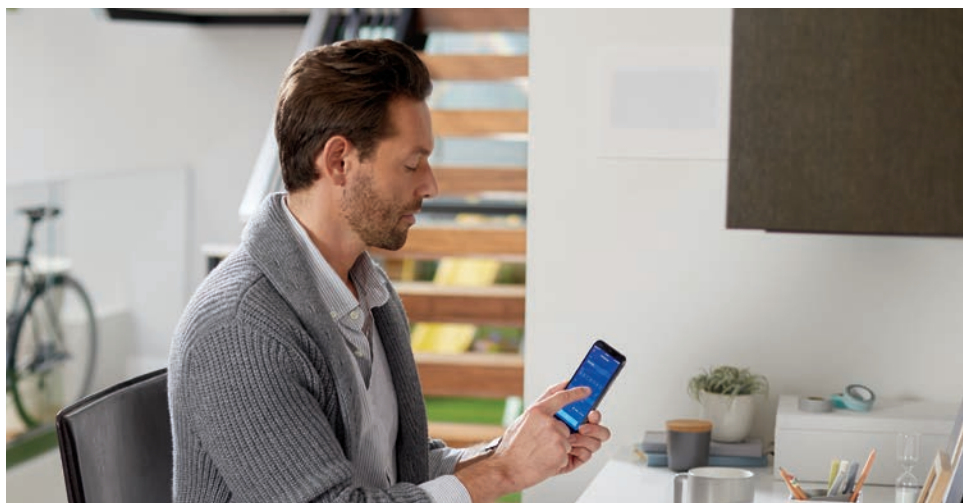
Product View

- | | | |
|---------------------------|----------------------|---------------------------|
| 1. Robot Interface | 5. Bumper | 9. Sole Plate, Brush Roll |
| 2. Dirt Bin | 6. Docking Station | 10. Battery Compartment |
| 3. DIGITALVISION™ Sensors | 7. Charging Contacts | 11. Power Switch |
| 4. Infrared Sensors | 8. Cliff Sensors | 12. Caster Wheel |



Robot Interface View

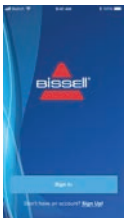
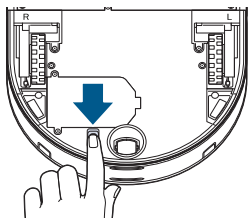
- | | | |
|--------------------------|-------------------------|-----------------------|
| 1. Notification Light | 4. Battery Status Light | 7. Power Level Button |
| 2. WiFi Status Light | 5. Text Display | 8. Dock Mode Button |
| 3. Schedule Status Light | 6. Spot Mode Button | 9. START/PAUSE Button |

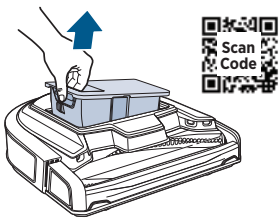


Connecting Your Robot to the BISSELL Connect App

For more help, visit support.BISSELL.com.

Downloading the BISSELL Connect App means you can change your robot's cleaning mode, start, pause, or stop your robot, schedule cleanings, view notifications, track your cleaning history and troubleshoot all from the palm of your hand.

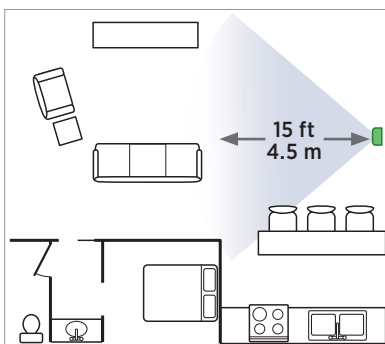
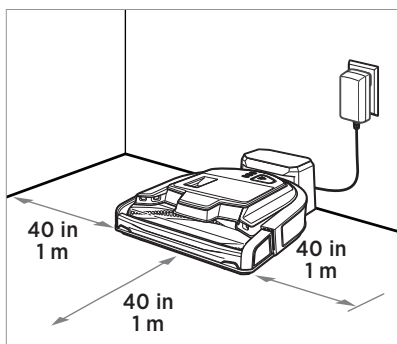
		
1. In the App or Google Play Store search “BISSELL Connect” and download.	2. Once downloaded, open the app to sign in or create a new login.	3. Make sure you're near your WiFi router before turning the robot ON (I).

		
4. From the app, select “Set Up Your Product” and then select “Get Started”. Note: Be sure the robot is charged or is on the dock before attempting to pair.	5. The QR code needed for setup can be found under the Dirt Bin. The WiFi Status Light should start flashing blue when the Dirt Bin is removed. Note: Keep the bin removed until you have named your robot in the app.	6. Once you have located and scanned the QR code, follow the instructions in the app to pair.

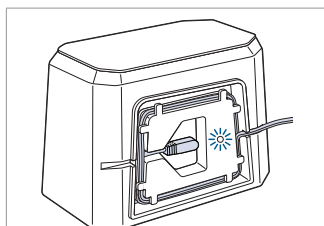


Docking and Charging Your Robot

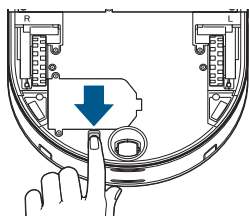
▶ More of a video person? Open up the **BISSELL Connect App** for how-to videos.



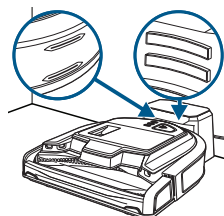
- To help the robot find its home, we recommend at least 40 inches (1 meter) of space between the dock and any walls or obstacles around it. For reference, see diagram.
- Choose a spot with a good WiFi signal in your home.
- Set up the dock in a central part of your home to help improve docking success.
- For best docking performance, dock should be on hard floor surface.
- Robot may spend up to 20 minutes searching for dock when the battery is low.



1. Plug the Power Adapter into the wall and the back of the dock. The light will illuminate when the dock is ON.



2. Turn the Power Switch on the bottom of the robot ON (I).



3. Place the robot on the dock. The Battery Status Light will flash to indicate charging. Charge for 4 hours for maximum cleaning time.

Note: Store robotic vacuum safely indoors where it is unlikely to be damaged.

Things to Know Before Your Robot's First Clean

➤ Head to support.BISSELL.com for additional tips on getting started with your robot.

Prepare the House

- Pick up loose toys, cords, clothing, or other foreign objects that may interfere with your robot.
- Secure or move fragile items as your robot may push lighter objects across the floor.

During the Clean

- Monitor your robot for the first few cleans as it may have difficulty passing under objects at a certain height.
- The robot will clean under areas that were unreachable with your traditional vacuum, so the Dirt Bin and Filter may need to be cleaned more frequently. Make sure to monitor both to ensure your robot is performing correctly.

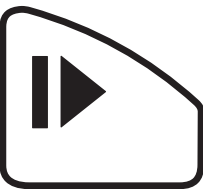
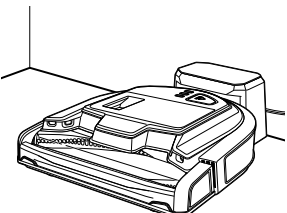
Keep in Mind

- Not recommended for use on plush, dense carpet.
- You may need to use a lower power level if your robot keeps reporting an error on high pile carpet.
- You may notice the sound of vacuum motor change. This is normal as the robot self-adjusts to different floor types to maintain consistent performance.

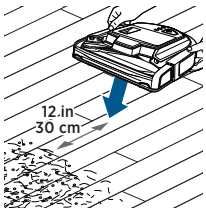
Manual Cleaning

➤ Looking for more guidance? Go to support.BISSELL.com for tips and support while cleaning.

Large Area Cleaning

								
1. Use the Power Level Button to select the desired cleaning power and approximate run time: <table><tr><td>LOW</td><td>MID</td><td>HIGH</td></tr><tr><td>90 mins</td><td>60 mins</td><td>30 mins</td></tr></table>	LOW	MID	HIGH	90 mins	60 mins	30 mins	2. Press the START/PAUSE Button to start cleaning. You can press it again to pause cleaning.	3. The robot will finish the cleaning session and attempt to return to the Docking Station.
LOW	MID	HIGH						
90 mins	60 mins	30 mins						

Spot Cleaning

		
1. Place the robot 12 in (30 cm) away from the area you want cleaned. Ensure the area is clear of obstacles.	2. Press the Spot Mode Button to put the robot into Spot Mode.	3. Press the START/PAUSE Button to start cleaning. The robot will run for a few minutes and then stop with a message of "DONE" when finished.



Automatic Cleaning

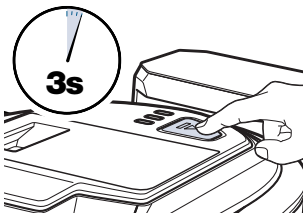
📖 For more information about your robot, download the BISSELL Connect App.

You can designate a day and time for your robot to run automatically using the BISSELL Connect App. Once the robot is connected to the app, go to the Schedule tab and follow the on-screen prompts.

Activating Low Power Mode

🔗 For more help, visit support.BISSELL.com.

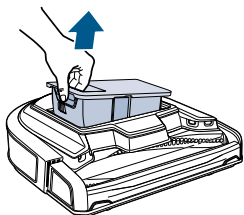
Note: While in Low Power Mode, the robot will not run scheduled cleanings or be accessible through the BISSELL Connect App.

		
1. Push top charging contact x10 times.	2. Place robot on dock. Hold START/PAUSE Button for 3 seconds. The Digital Display will turn OFF, indicating that the robot is in low power mode.	3. To wake up from low power mode, press the START/PAUSE Button. To take dock out of low power mode, unplug it from the wall and plug it back in.

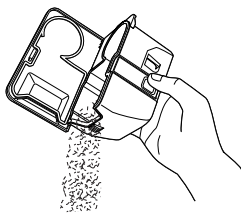


Emptying the Dirt Bin

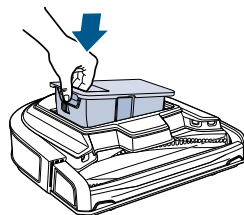
▶ For helpful how-to videos on cleaning your Dirt Bin and Brush Roll, download the **BISSELL Connect App**.



1. Remove the Dirt Bin from the robot by pulling up on the handle as shown.



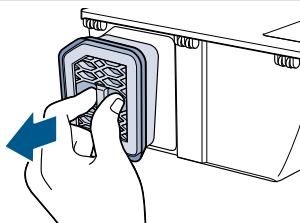
2. Press button to release Dirt Bin lid and empty into trash. Close the lid until it clicks shut.



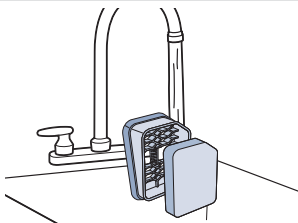
3. Put Dirt Bin back in the Robot.

Maintaining the Filter and Separator Cone

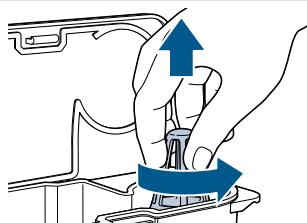
▶ For more help with maintaining your robot, open up the **BISSELL Connect App**.



1. Remove the Dirt Bin. Pinch and pull filter assembly out from the back of Dirt Bin. Clean filter if dirty. Replace if damaged.



2. Separate washable filter from assembly. Wash filter and filter assembly. Let dry completely before reassembling.



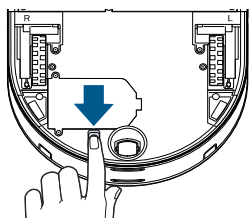
3. Open Dirt Bin, clean debris surrounding Separator Cone. If necessary, carefully twist cone and pull up to remove.

⚠ WARNING

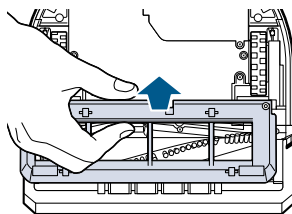
- » Do NOT immerse robot in water. For instructions on how to clean this machine beyond emptying the Dirt Bin, go to support.BISSELL.com.
- » To reduce the risk of electrical shock, turn Robotic Vacuum Cleaner Power Switch OFF and disconnect plug before performing maintenance or troubleshooting checks.

Maintaining the Brush Roll

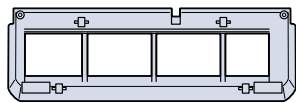
▶ Check out the **BISSELL Connect App** for tips and videos on Brush Roll Maintenance.



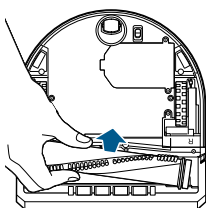
1. Turn power OFF, remove the robot from the dock and put it upside down on a soft surface.



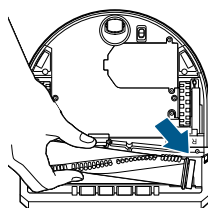
2. Use a Phillips-head screwdriver to remove the 3 screws on the sole plate. Rotate the sole plate and lift it out.



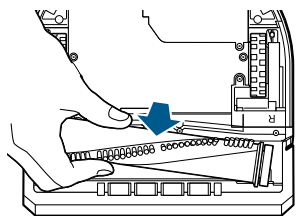
3. Look for damage on the sole plate rollers and flexible wiper. Make sure they're all rotating freely. Replace if necessary.



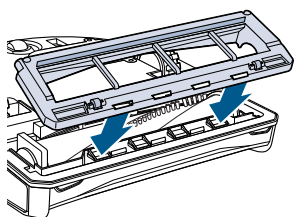
4. Pull up on the plastic endcap to remove the brush. Clean it and make sure the plastic end rotates freely.



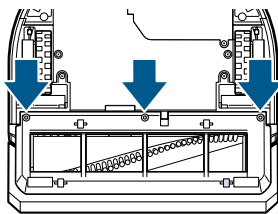
5. Check right side drive gear to remove any hair build up.



6. Replace Brush Roll.



7. Holding the sole plate at a slight angle in front of the robot, align the slots in sole plate with the tabs, then rotate the sole plate into place.

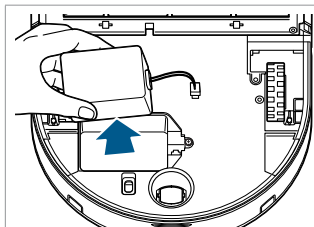


8. Replace the screws and don't overtighten. Compress the bumper several times to ensure smooth operation.

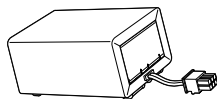
WARNING

To reduce the risk of fire, turn Robotic Vacuum Power Switch OFF before performing maintenance or troubleshooting checks.

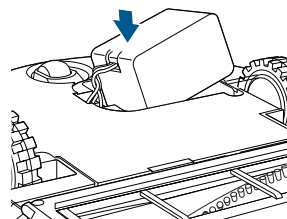
Replacing the Battery



1. Gently press the battery connector tab with a finger and pull the battery connector away from the robot.



2. Dispose of battery properly.



3. When replacing the battery, make sure you can see the wires and connector from the top to prevent damage.

Troubleshooting

For a comprehensive walkthrough and support for your robot visit support.BISSELL.com.

Using the BISSELL Connect App with your robot is the best way to diagnose and fix errors with detailed instructions and videos.

For performance issues, some errors can be corrected by turning the Power Switch OFF, waiting a few seconds, and turning back ON. If that doesn't work, try emptying your Dirt Bin, checking the filter or checking the Brush Roll and Chamber to improve cleaning performance.

Note: Any other servicing should be performed by an authorized representative.

Warranty

2-Year limited warranty, may vary by state. Visit support.BISSELL.com or call 1-844-383-2630 for complete warranty information.



WARNING To reduce the risk of fire, turn Robotic Vacuum Power Switch OFF before performing maintenance or troubleshooting checks.



We're Waggin' Our Tails!

BISSELL® proudly supports BISSELL Pet Foundation® and its mission to help save homeless pets. When you buy a BISSELL product, you help save pets, too. We're proud to design products that help make pet messes, odors and pet homelessness disappear. Visit **[BISSELLsavespets.com](https://www.bissellsavespets.com)** to learn more.

But wait, there's more!

Join us online for a comprehensive walkthrough of your new product, including troubleshooting, product registration, parts, and more.

Go to [support.BISSELL.com](https://support.bissell.com) or the BISSELL Connect App.



REGISTER



INFO



VIDEOS



PARTS



SUPPORT



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Printed in China. Part Number 1618195 01/20