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iRobot R640020

iRobot Roomba 640 Robot Vacuum Instruction Manual

Model: Roomba 640 (R640020)

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your iRobot Roomba 640 Robot Vacuum. Please read this guide thoroughly before using your robot vacuum.

Important Safety Information

Always follow basic precautions when using an electrical appliance. Read all instructions before use. 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 that they do not play with the appliance. Do not operate the Roomba in areas with exposed electrical outlets or standing water. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 iRobot Roomba 640 Robot Vacuum
- 1 Home Base® Charging Station
- 1 North American Line Cord
- 1 Extra AeroVac™ Filter
- Owners Guide
- Documentation Package



Figure 2.1: The Roomba 640 Robot Vacuum with its included accessories, including the Home Base charging station and an extra filter.

3. SETUP

3.1 Charging the Battery

1. Place the Home Base® charging station on a hard, level surface against a wall. Ensure there are no obstacles within 3 feet (1 meter) of either side of the Home Base and 4 feet (1.2 meters) in front of it.
2. Plug the line cord into the Home Base and then into a wall outlet.
3. Place your Roomba onto the Home Base, ensuring the metal charging contacts on the robot align with those on the Home Base. The battery indicator will pulse to show it's charging.
4. Allow Roomba to charge for at least 3 hours before its first use. A full charge provides approximately 90 minutes of cleaning time.

Your browser does not support the video tag.

Video 3.1: This video demonstrates the initial setup and charging process for the iRobot Roomba 640. It shows how to correctly place the Home Base and dock the robot for charging.

4. OPERATING INSTRUCTIONS

4.1 Starting a Cleaning Cycle

To start a cleaning cycle, simply press the large **CLEAN** button located on the top of your Roomba. The robot will automatically begin cleaning and navigate your home. It uses a patented 3-stage cleaning system to loosen, lift, and suction debris from various floor types.



Figure 4.1: The Roomba 640 efficiently cleans under furniture, reaching areas that are typically difficult to access with traditional vacuums.

4.2 Automatic Docking

When the battery is low or when Roomba completes its cleaning cycle, it will automatically return to its Home Base to recharge. Ensure the Home Base remains plugged in and accessible for the robot to dock successfully.



Figure 4.2: The Roomba 640 navigating and cleaning under a dining table and chairs, demonstrating its ability to maneuver around obstacles.

4.3 Cliff Detection

The Roomba 640 is equipped with cliff sensors that prevent it from falling down stairs or other drop-offs. It will detect edges and change direction to avoid them.



Figure 4.3: The Roomba 640 approaching a step, illustrating its cliff detection technology that prevents falls.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Roomba 640.

5.1 Emptying the Dust Bin

Empty the dust bin after each cleaning cycle. Press the bin release button, slide out the bin, and open the bin door to discard debris. Tap the bin to remove excess dirt.

5.2 Cleaning the Filter

The AeroVac™ Filter should be cleaned regularly by tapping it against a trash can to remove dust. Replace the filter every 2-3 months, or more frequently if you have pets. An extra filter is included with your purchase.

5.3 Cleaning Brushes

Periodically remove and clean the main brushes and side brush. Use the cleaning tool (if included) to remove hair and debris wrapped around the brushes. Ensure the brush bearings are also free of debris.

5.4 Cleaning Sensors and Charging Contacts

Wipe the cliff sensors, wall-following sensor, and charging contacts on both the robot and Home Base with a clean, dry cloth. This prevents dirt buildup from affecting performance.

6. TROUBLESHOOTING

If your Roomba 640 encounters an issue, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Roomba does not turn on or charge.	Battery not installed correctly, charging contacts dirty, or Home Base not powered.	Ensure battery is properly seated. Clean charging contacts on Roomba and Home Base. Verify Home Base is plugged into a working outlet.
Roomba gets stuck frequently.	Obstacles (cords, rugs), dirty cliff sensors, or tangled brushes.	Clear the cleaning area of loose cables and small objects. Clean cliff sensors. Remove and clean main brushes and side brush.
Poor cleaning performance.	Full dust bin, dirty filter, or worn brushes.	Empty the dust bin. Clean or replace the filter. Clean or replace worn brushes.
Roomba does not return to Home Base.	Home Base placement, obstacles blocking path, or dirty charging contacts.	Ensure Home Base is in an open area. Clear path to Home Base. Clean charging contacts.

7. SPECIFICATIONS

Feature	Detail
Brand	iRobot
Model Name	Roomba 640
Item Model Number	R640020
Color	Gray
Product Dimensions	13.4 x 13.4 x 3.61 inches
Item Weight	1.65 pounds
Battery Life	90 minutes
Power Source	Battery Powered
Control Method	Touch (Button Control)
Filter Type	Disk (AeroVac™)
Surface Recommendation	Carpets, Hard Floors
UPC	885155013224

8. WARRANTY AND SUPPORT

8.1 Manufacturer's Warranty

The iRobot Roomba 640 Robot Vacuum comes with a **1-year manufacturer warranty** for purchases made from authorized sellers. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For further assistance, technical support, or warranty inquiries, please visit the official iRobot website or contact their customer service department. Refer to the documentation package included with your product for specific contact details.

You can also find additional resources and FAQs on the [iRobot Store on Amazon](#).