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› ShopJimmy Brushroll and Suction Motors for Shark IQ Robot Vacuums: Installation and Maintenance Guide

ShopJimmy UR100S-MOTORS

ShopJimmy Brushroll and Suction Motors for Shark IQ Robot Vacuums: Installation and Maintenance Guide

For Models: RV1000S, QR1000SB, UR1000SR, and other compatible Shark IQ Robot Vacuums

1. INTRODUCTION

This document provides essential information regarding the ShopJimmy replacement brushroll and suction motors for Shark IQ Robot Vacuums. These parts are designed to restore the cleaning performance of your robot vacuum.

1.1 Product Overview

This product includes replacement brushroll and suction motors. These components are crucial for the effective operation of your robot vacuum's cleaning system. The parts provided are refurbished by a Shark-authorized refurbisher and may exhibit minor cosmetic scuffs or scratches that do not affect their functionality. All included brushes and tools have been thoroughly cleaned or refurbished as necessary to ensure optimal performance.

1.2 Compatibility

These replacement motors are compatible with a range of Shark IQ Robot Vacuum models, including but not limited to:

- Shark AV992GVRUS
- Shark QR1G00S1US, QR1G00SRUS, QR1000SB, QR1000SG, QR1000SW
- Shark RV852WVQBR, RV1000S, RV1100S, RV1100SRUS, RV1101ARUS, RV1300S3US, RV1401ZWUS, RV9105WWUS, RV9113A1US, RV9124S3US, RV9133S1US, RV9153S1US, RV9155WWUS, RV9155WXUS, RV9904V3US
- Shark UR1000S1US, UR1000SR, UR1100S1US, UR1105ARUS, UR1300S3US

Please verify your robot vacuum's model number to ensure compatibility before proceeding with installation.

2. PACKAGE CONTENTS

Your package should contain the following components:

- 1x Suction Motor Assembly
- 1x Brushroll Motor Assembly
- Additional small motors for side brushes or other functions (as pictured)

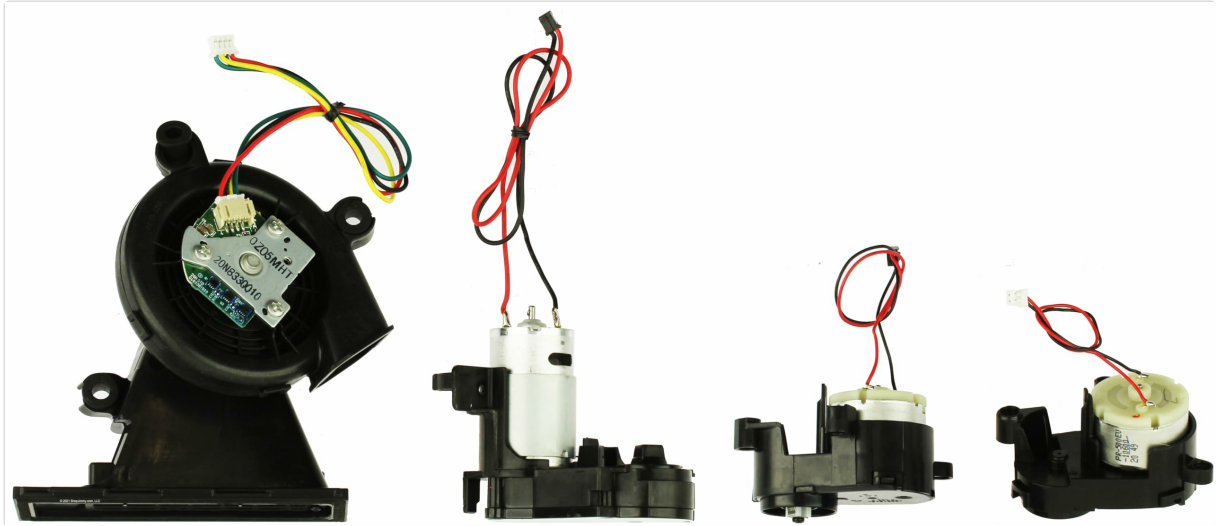


Figure 1: Included replacement motors. This image displays the main suction motor assembly, the brushroll motor assembly, and two smaller motors, all with their respective wiring and connectors.

3. INSTALLATION INSTRUCTIONS

Replacing internal components of a robot vacuum requires careful attention to detail. It is recommended to consult specific disassembly and reassembly guides for your particular Shark IQ Robot Vacuum model.

1. **Safety First:** Always ensure your robot vacuum is powered off and disconnected from its charging base before beginning any repair or maintenance.
2. **Accessing Components:** Carefully disassemble the robot vacuum's casing to access the internal motor components. This typically involves removing screws from the bottom and potentially the top cover. Refer to online resources or repair videos specific to your model for detailed steps.
3. **Identify Motors:** Locate the existing brushroll and suction motors. Note their wiring connections and mounting positions.
4. **Disconnect and Remove:** Gently disconnect the wiring harnesses from the old motors. Remove any screws or clips securing the old motors in place and carefully extract them.
5. **Install New Motors:** Position the new ShopJimmy replacement motors in the exact locations of the old ones. Secure them with the original screws or clips.
6. **Connect Wiring:** Reconnect the wiring harnesses to the new motors. Ensure connections are secure and correctly oriented.
7. **Reassemble:** Carefully reassemble the robot vacuum's casing, ensuring all screws are tightened and no wires are pinched.
8. **Test Functionality:** Place the robot vacuum on its charging base, power it on, and initiate a cleaning cycle to verify proper operation of the new motors.

Note: Disassembly and reassembly procedures can vary significantly between robot vacuum models. Searching for "[Your Shark IQ Model Number] motor replacement" on video-sharing platforms may provide

visual guidance.

4. MAINTENANCE

To ensure the longevity and optimal performance of your new motors and robot vacuum, regular maintenance is recommended:

- **Clean Brushroll:** Regularly remove hair, string, and debris from the brushroll to prevent strain on the brushroll motor.
- **Empty Dust Bin:** Empty the dust bin frequently to maintain optimal suction and reduce strain on the suction motor.
- **Clean Filters:** Clean or replace the robot vacuum's filters according to the manufacturer's recommendations to ensure proper airflow and suction.
- **Inspect Side Brushes:** Check side brushes for wear or entanglement and clean them as needed.
- **Avoid Liquids:** Do not expose the robot vacuum or its internal components to liquids, as this can damage the motors and electronics.

5. TROUBLESHOOTING

If you encounter issues after installing the new motors, consider the following troubleshooting steps:

- **No Power/No Movement:**
 - Ensure all wiring connections are secure and correctly seated.
 - Verify the robot vacuum's battery is charged and properly installed.
 - Check for any error codes displayed on the robot vacuum and consult your original vacuum manual.
- **Poor Suction:**
 - Check if the dust bin is full or improperly seated.
 - Inspect the filters for clogs and clean or replace them.
 - Ensure there are no blockages in the suction path or main brushroll area.
- **Brushroll Not Spinning:**
 - Remove the brushroll and clear any tangled hair or debris.
 - Ensure the brushroll is correctly installed and seated.
 - Check the brushroll motor's wiring connection.
- **Error Codes:** If your robot vacuum displays a specific error code (e.g., "Error #9" as mentioned in a customer review), refer to your original Shark IQ Robot Vacuum user manual or Shark's official support resources for diagnosis and resolution.

If issues persist, contact ShopJimmy customer support for further assistance.

6. SPECIFICATIONS

Part Number	UR100S-MOTORS
Product Type	Replacement Brushroll and Suction Motors
Condition	Refurbished (may have cosmetic scuffs/scratches)
Compatible Brands	Shark (IQ Robot Vacuums)
UPC	810159291446

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This ShopJimmy product is covered by a **180-Day Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, unauthorized modification, or improper installation.

7.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your ShopJimmy replacement motors, please contact ShopJimmy customer support. Refer to your purchase documentation or the ShopJimmy website for contact details.

When contacting support, please have your product's part number (UR100S-MOTORS) and proof of purchase readily available.