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iRobot 2457

iRobot Roomba Left Side Wheel Module Instruction Manual

Model: 2457



PRODUCT OVERVIEW

This document provides instructions for the iRobot Roomba Left Side Wheel Module, an original replacement part designed to restore optimal navigation and cleaning performance to your iRobot Roomba vacuum cleaner.

This genuine iRobot replacement wheel module is compatible with a wide range of iRobot Roomba models, ensuring a perfect fit and reliable operation.

Compatibility

The iRobot Roomba Left Side Wheel Module is compatible with the following iRobot Roomba series and models:

- **iRobot Roomba 500 Series:** 510, 520, 521, 530, 531, 532, 534, 535, 545, 550, 552, 555, 560, 562, 564, 570, 571, 572 Pet, 580, 581, 585, 595 Pet, etc.
- **iRobot Roomba 600 Series:** 610, 615, 620, 630, 650, 651, 660, 661, 655, 680, 681, 685, 686 PET, etc.
- **iRobot Roomba 700 Series:** 760, 770, 780, 790, 765, 775, 776, 782, 772, 786, 785, 790, etc.
- **iRobot Roomba 800 Series:** 866, 870, 871, 880, 885, 888, 890, 895, etc.
- **iRobot Roomba 900 Series:** 960, 966, 980, 985, 986, etc.

If your device is not listed, please contact iRobot customer support for compatibility verification.

SETUP AND INSTALLATION

This section outlines the steps for safely replacing the left side wheel module on your iRobot Roomba.

Required Tools:

- Small Phillips head screwdriver

Installation Steps:

1. **Power Off Roomba:** Ensure your Roomba is powered off and disconnected from its charging base.
2. **Remove Battery (if applicable):** For some models, it may be necessary to remove the battery for safety and easier access. Refer to your Roomba's specific user manual for battery removal instructions.
3. **Locate Wheel Module:** Turn your Roomba upside down. Identify the left wheel module.
4. **Remove Screws:** Using a Phillips head screwdriver, carefully remove the screws securing the existing left wheel module to the Roomba chassis. There are typically 2-3 screws.

5. **Detach Old Module:** Gently pull the old wheel module away from the Roomba. It may be connected by a small wire harness; carefully disconnect it if present.
6. **Connect New Module:** If there is a wire harness, connect it to the new wheel module. Ensure the connection is secure.
7. **Position New Module:** Place the new iRobot Roomba Left Side Wheel Module into its designated slot.
8. **Secure with Screws:** Reinsert and tighten the screws to secure the new module firmly in place. Do not overtighten.
9. **Reinstall Battery (if applicable):** Reinstall the battery if it was removed.
10. **Power On and Test:** Turn your Roomba back on and perform a test run to ensure the new wheel module functions correctly.



An image showing the iRobot Roomba Left Side Wheel Module, a grey plastic component with a black wheel attached, designed for robotic vacuum cleaners. This module is ready for installation or replacement.

OPERATING CONSIDERATIONS

Once the new wheel module is installed, your Roomba should operate as intended. The wheel module is a critical component for navigation and movement.

- Ensure the wheel spins freely without obstruction.
- Listen for any unusual noises during operation, which might indicate an issue with installation or debris.
- Observe Roomba's movement patterns to confirm proper navigation.

MAINTENANCE

Regular maintenance of your Roomba's wheel modules can extend their lifespan and ensure consistent performance.

- **Clean Wheels Regularly:** Periodically remove hair, dust, and debris that may accumulate around the wheel axles and treads. This can be done using a small brush or a pair of tweezers.
- **Check for Obstructions:** Ensure nothing is lodged in the wheel well that could impede movement.
- **Inspect for Wear:** Over time, the wheel treads may wear down. If you notice significant wear or reduced traction, consider replacing the module.

TROUBLESHOOTING

If your Roomba exhibits issues after replacing the wheel module, consider the following troubleshooting steps:

- **"Error 1 Left" or Similar Error:** This error typically indicates an issue with the left wheel.
 - Ensure the wheel module is securely installed and all screws are tightened.
 - Check for any debris or hair obstructing the wheel's movement.
 - Verify that the wire harness (if present) is correctly connected.
 - Perform a Roomba reset (refer to your Roomba's user manual for specific instructions).
- **Roomba Moves Unevenly or in Circles:**
 - Inspect both left and right wheel modules for obstructions or damage.
 - Ensure both wheels are spinning freely.
 - Clean the wheel sensors (if applicable) on the underside of the Roomba.
- **Unusual Noises:**
 - Check for loose screws or components.
 - Ensure no foreign objects are caught in the wheel mechanism.

If problems persist, contact iRobot customer support for further assistance.

SPECIFICATIONS

Attribute	Detail
Brand	iRobot
Model	2457
Color	Grey
Package Dimensions	14.3 x 9 x 7.9 cm
Item Weight	240 grams
ASIN	B019KZ9FS8
Mounting Type	Internal mounting
Shape	Round
Manufacturer	iRobot
Indoor/Outdoor Use	Indoor

WARRANTY AND SUPPORT

For detailed warranty information regarding your iRobot Roomba Left Side Wheel Module, please refer to the official iRobot website or the warranty documentation included with your original Roomba purchase.

For technical support, troubleshooting assistance beyond this manual, or to inquire about additional replacement parts, please contact iRobot customer support directly. Contact information can typically be found on the iRobot official website or in your Roomba's original user manual.

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Related Documents - 2457

 800 Series Owner's Guide	<p><u>iRobot Roomba 800 Series Owner's Guide: Setup, Usage, and Maintenance</u></p> <p>Comprehensive owner's guide for the iRobot Roomba 800 Series vacuuming robot. Learn about setup, scheduling, cleaning modes, regular maintenance, troubleshooting, and customer support for your Roomba.</p>
 BRUKSANVÄRNING	<p><u>iRobot Roomba 800 Series User Manual and Guide</u></p> <p>Detailed user manual for the iRobot Roomba 800 series robot vacuum cleaner, covering setup, operation, safety, maintenance, troubleshooting, and accessories like Virtual Wall and Home Base. Learn how to get the best performance from your Roomba.</p>
 IFIXIT	<p><u>iRobot Roomba 870 Caster Wheel Replacement</u></p> <p>A step-by-step guide on how to replace the caster wheel on an iRobot Roomba 870 if it becomes stuck or broken.</p>
 Kullanıcı Kılavuzu 900 Serisi Roomba 960, 980, 965, 961, 960, 950	<p><u>iRobot Roomba 900 Serisi Kullanıcı Kılavuzu</u></p> <p>Kullanım kılavuzu ve bakım bilgileri iRobot Roomba 900 Serisi robot süpürge için. Güvenlik talimatları, kurulum, kullanım, sorun giderme ve garanti bilgileri içerir.</p>



[iRobot Roomba 900 Series Quick Start Guide](#)

A concise guide for setting up and starting your iRobot Roomba 900 robot vacuum. Learn how to set up the Home Base, activate the robot, and download the iRobot HOME app for enhanced features.



[iRobot Roomba řady 900: Kompletní uživatelská příručka a návod k obsluze](#)

Podrobný průvodce pro robotický vysavač iRobot Roomba řady 900. Získejte klíčové informace o instalaci, správném používání, údržbě, řešení běžných problémů a bezpečnostních pokynů pro optimální výkon vašeho inteligentního úklidového řešení.