

RACO 205RAC

Raco 205RAC Box Support, Retro Ring User Manual

Model: 205RAC

1. PRODUCT OVERVIEW

The Raco 205RAC Retro-Ring is a specialized support designed for installing single-gang electrical boxes in existing walls, commonly referred to as "old work" applications. This 4-inch square support ensures a secure and flush mounting of the electrical box, providing a stable foundation for wiring and device installation. It is manufactured in the United States.



This image displays the packaging for the Raco 205RAC Box Support, Retro Ring. The white box has 'RACO' and '205RAC' printed on it, indicating the brand and model number of the product.

2. SPECIFICATIONS

Brand	RACO
Model Number	205RAC
Style	Retro
Product Dimensions (Approx.)	4 inches (L) x 0.5 inches (W) x 4 inches (H)
Item Weight	0.17 Pounds (approx. 2.72 ounces)
Included Components	Box Support, Retro Ring, 4 In, Single Gang
UPC	050169002056

3. SETUP AND INSTALLATION

The Racó 205RAC Retro-Ring is designed for easy installation in existing walls. Always ensure power is OFF at the circuit breaker before beginning any electrical work.

Required Tools:

- Drywall saw or utility knife
- Screwdriver (Phillips or flathead, depending on box screws)
- Pencil
- Tape measure
- Voltage tester

Installation Steps:

1. **Turn Off Power:** Locate the circuit breaker controlling the area where you will be working and switch it to the OFF position. Verify power is off using a voltage tester.
2. **Mark Opening:** Using the electrical box as a template, carefully mark the desired location and size of the opening on the wall surface. Ensure the location avoids studs or other obstructions.
3. **Cut Opening:** Carefully cut out the marked opening in the drywall or other wall material using a drywall saw or utility knife. Ensure the cut is clean and precise.
4. **Insert Wires:** If not already present, feed the electrical wires through the newly cut opening.
5. **Attach Retro-Ring to Box:** Slide the Racó 205RAC Retro-Ring onto the electrical box. The design allows it to clip securely to the box, providing the necessary support for old work installation.
6. **Insert Box Assembly:** Carefully insert the electrical box with the attached retro-ring into the wall opening. The retro-ring's tabs will engage with the back of the drywall, securing the box in place as you tighten the box's mounting screws.
7. **Secure Box:** Tighten the screws on the electrical box. As you tighten, the tabs on the retro-ring will pivot and clamp against the inside of the wall, pulling the box firmly against the wall surface.
8. **Wire Connections:** Complete all necessary electrical wiring connections inside the box according to local electrical codes and device instructions.
9. **Install Device and Cover Plate:** Mount the electrical device (e.g., outlet, switch) into the box and then install the decorative cover plate.
10. **Restore Power:** Once all work is complete and verified, turn the power back ON at the circuit breaker.

4. OPERATING INSTRUCTIONS

The Racó 205RAC Box Support, Retro Ring is a passive component designed to provide structural support for electrical boxes in existing wall installations. Once properly installed, its function is to securely hold the electrical box flush with the wall surface, ensuring stability for mounted devices and safe electrical connections. There are no operational controls or user interactions required after installation.

5. MAINTENANCE

The Racó 205RAC Retro-Ring requires minimal maintenance. As it is an internal structural component, it is not subject to wear and tear from external factors.

- **Periodic Inspection:** During any future electrical work or renovation in the vicinity of the installed box, it is

advisable to visually inspect the retro-ring and box for any signs of looseness or damage.

- **Secure Cover Plates:** Ensure that all electrical device cover plates remain securely fastened. A loose cover plate can indicate a loose device or box.

No cleaning or lubrication is required for this product.

6. TROUBLESHOOTING

Most issues related to the Raco 205RAC Retro-Ring arise during installation. Here are some common problems and their solutions:

- **Electrical Box Not Flush with Wall:**
 - Ensure the wall opening was cut precisely to the size of the electrical box.
 - Verify that the retro-ring's clamping tabs have fully engaged with the inside of the drywall.
 - Confirm that the electrical box mounting screws are tightened sufficiently to pull the box firmly against the wall.
- **Electrical Box Feels Loose After Installation:**
 - Re-tighten the electrical box mounting screws. Over time, wall materials can compress slightly.
 - Inspect the wall material around the opening for damage or crumbling that might prevent the retro-ring from clamping effectively.
 - Ensure the retro-ring is correctly seated on the electrical box.
- **Difficulty Inserting Box Assembly into Wall:**
 - Check that the wall opening is free of debris or obstructions.
 - Confirm the opening size matches the electrical box dimensions accurately.
 - Ensure the retro-ring is correctly positioned on the box and not impeding insertion.

If you encounter persistent issues or are unsure about any electrical work, it is recommended to consult a qualified electrician.

7. WARRANTY AND SUPPORT

For specific warranty information regarding the Raco 205RAC Box Support, Retro Ring, please refer to the product packaging or contact RACO customer service directly. RACO stands behind the quality of its products.

Customer Support:

If you have questions about installation, product specifications, or require technical assistance, please contact RACO customer support through their official website or the contact information provided on the product packaging.

For general inquiries or to find more information about RACO products, you may visit the official RACO store on Amazon: [RACO Store](#)

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question