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## Whirlpool WP12028505AP

# Whirlpool WP12028505AP Refrigerator Door Closer Cam Instruction Manual

Brand: **Whirlpool** | Model: **WP12028505AP**

## PRODUCT OVERVIEW

The Whirlpool WP12028505AP Refrigerator Door Closer Cam is a genuine OEM replacement part designed to ensure your refrigerator door closes smoothly and maintains proper alignment with the hinge. This grey cam is crucial for the efficient operation and longevity of your appliance's door mechanism.

### Key Features:

- **GENUINE OEM:** Whirlpool Genuine OEM Parts are specifically designed for your appliance, meeting Whirlpool engineering standards to ensure quality.
- **REPLACEMENT PART NUMBERS:** WP12028505AP replaces part numbers W10191100 and 12028505AP.
- **COMPATIBLE APPLIANCES:** Compatible with multiple Whirlpool models, including WRX735SDHZ, WRB322DMBM, WRF535SWHZ, WRF555SDFZ, and WRX735SDBM.
- **ONE YEAR WARRANTY:** Comes with a one-year warranty, ensuring reliability and peace of mind.
- **DURABLE MATERIALS:** Manufactured using durable materials and innovative processes to keep your home appliances functioning optimally.

## INSTALLATION GUIDE

Replacing the refrigerator door closer cam requires careful attention. It is recommended to have assistance as the refrigerator door can be heavy. Basic hand tools, such as a multi-screwdriver, and novice repair experience are generally sufficient for this task.

### Steps for Replacement:

1. **Safety First:** Disconnect power to the refrigerator before beginning any repair work.
2. **Prepare the Area:** Clear the area around the refrigerator to allow for easy access and movement of the door.
3. **Remove Refrigerator Door:** Carefully remove the refrigerator door from its hinges. This step often requires two people due to the weight of the door. Refer to your specific refrigerator model's service manual for detailed instructions on door removal.
4. **Locate and Remove Old Cam:** Identify the old door closer cam. It is typically located at the bottom hinge of the

refrigerator door. Remove any retaining clips or screws holding it in place.

5. **Install New Cam:** Place the new WP12028505AP door closer cam into position. Ensure it is correctly oriented and securely fastened.
6. **Reattach Refrigerator Door:** Carefully reattach the refrigerator door to its hinges, ensuring proper alignment.
7. **Test Door Closure:** Once the door is reattached, gently open and close it several times to verify that it shuts smoothly and completely.
8. **Reconnect Power:** Reconnect power to the refrigerator.



*Figure 1: Front view of the Whirlpool WP12028505AP Refrigerator Door Closer Cam. This grey plastic component is essential for smooth door operation.*



*Figure 2: Top-down view of the door closer cam, showing the central opening and star-shaped inner mechanism.*



*Figure 3: Side view of the door closer cam, highlighting its cylindrical base and the small protruding alignment pin.*

## OPERATING PRINCIPLE

The refrigerator door closer cam works in conjunction with the door hinge to provide a smooth and controlled closing action. As the door approaches the closed position, the cam mechanism guides the door into its final sealed state, preventing it from swinging open or remaining ajar. This ensures energy efficiency and proper food preservation within the refrigerator.

## MAINTENANCE

While the door closer cam is designed for durability, periodic inspection can help ensure its continued optimal performance.

- **Visual Inspection:** Periodically check the door cam and hinge area for any visible signs of wear, cracks, or damage.
- **Cleanliness:** Keep the area around the door hinges and cam free from dirt, dust, and debris, which can impede smooth operation.
- **Lubrication (if applicable):** If your refrigerator model's manual recommends lubrication for hinge components, use a food-grade lubricant sparingly as directed. Avoid over-lubrication.

## TROUBLESHOOTING

If you experience issues with your refrigerator door after replacing the cam, consider the following:

- **Door Not Closing Completely:**

- Ensure the new cam is installed correctly and fully seated.
- Check for any obstructions around the door or hinges.
- Verify that the refrigerator is level. Uneven leveling can affect door closure.

- **Door Squeaks or Grinds:**

- Inspect the cam and hinge for any foreign objects or excessive wear.
- If applicable, apply a small amount of food-grade lubricant to the hinge points as per your refrigerator's manual.

- **Door Feels Loose or Wobbly:**

- Re-check all screws and fasteners on the hinges and cam to ensure they are tightened securely.
- Confirm that the door is properly seated on both the top and bottom hinges.

If problems persist, it is recommended to consult a qualified appliance technician or contact Whirlpool customer support.

## SPECIFICATIONS

Attribute	Value
Manufacturer	Whirlpool
Part Number	WP12028505AP
Item Weight	0.16 ounces
Product Dimensions	1.5 x 1.13 x 1 inches
Item Model Number	WP12028505AP
Item Package Quantity	1
Included Components	Genuine OEM Refrigerator Door Closer Cam, Grey Replacement
Batteries Required?	No
Date First Available	June 14, 2023

## WARRANTY INFORMATION

The Whirlpool WP12028505AP Refrigerator Door Closer Cam comes with a **1 Year Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Whirlpool warranty documentation or contact Whirlpool customer service.

## SUPPORT AND GENUINE PARTS

For further assistance, technical support, or to purchase additional genuine Whirlpool parts, please visit the official Whirlpool website or contact their customer service line. Using genuine OEM parts ensures compatibility, optimal performance, and maintains the integrity of your appliance.

## OEM Parts

Original Equipment Manufacturer, OEM, parts are designed specifically by a manufacturer for the products it's manufacturing.



Whirlpool®

MAYTAG®

KitchenAid®

AMANA®

Figure 4: Graphic illustrating the importance of using Original Equipment Manufacturer (OEM) parts for Whirlpool appliances.

Be cautious of non-genuine aftermarket parts, which may not meet Whirlpool's rigorous engineering and quality standards, potentially affecting the performance and longevity of your appliance.