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> [INGQI Lower Wash Arm Replacement for Frigidaire Dishwashers - Installation and Maintenance Guide](#)

## INGQI 5304507158

# INGQI Lower Wash Arm Replacement for Frigidaire Dishwashers - Installation and Maintenance Guide

Model: 5304507158 (AP6036393)

## 1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the INGQI Lower Wash Arm replacement part. This component is designed to restore optimal washing performance in compatible Frigidaire dishwasher models. Please read these instructions carefully before proceeding with installation or maintenance.

## 2. PRODUCT OVERVIEW

The INGQI Lower Wash Arm is a direct replacement part for specific Frigidaire dishwashers. Its primary function is to distribute water evenly throughout the lower rack of the dishwasher, ensuring effective cleaning of dishes. Constructed from durable materials, this wash arm is designed for long-lasting performance.

Key features include:

- Constructed from durable materials for extended lifespan.
- Designed for a precise fit and straightforward installation.
- Ensures even water distribution for thorough dish cleaning.



Figure 1: Top view of the INGQI Lower Wash Arm replacement part. The arm features a grey base and a blue circular spray head.



Figure 2: Bottom view of the INGQI Lower Wash Arm, showing the central connection point and the underside of the spray head.

### 3. COMPATIBILITY

This lower wash arm (Part Number 5304507158, AP6036393) is compatible with various Frigidaire dishwasher models. It replaces part numbers 154821902, 5304496935, 154821903, 5304498139, 5304507159, and PS11770610.

Known compatible models include, but are not limited to:

- FGHD2465NB0A
- FGID2466QF1A
- FGHD2465NB1A
- FGID2466QF2A
- FGHD2465NB2A
- FGID2466QF3A
- FGHD2465NF0A
- FGID2466QF4A
- FGHD2465NF1A

- FGID2466QF5A
- FGHD2465NF2A
- FGID2466QF6A
- FGHD2465NW0A
- FGID2466QW0A
- FGHD2465NW1A
- FGID2466QW1A
- FGHD2465NW2A
- FGID2466QW2A
- FGID2466QB0A
- FGID2466QW3A
- FGID2466QB1A
- FGID2466QW4A
- FGID2466QB2A
- FGID2466QW5A
- FGID2466QB3A
- FGID2466QW6A
- FGID2466QB4A
- FPHD2485NF0A
- FGID2466QB5A
- FPHD2485NF1A
- FGID2466QB6A
- FPHD2485NF2A
- FGID2466QD0A
- FPID2486TF0A
- FGID2466QD1A
- FPID2486TF1A
- FGID2466QF0A

*Always verify compatibility with your specific dishwasher model before purchasing and installing replacement parts.*

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## 4. INSTALLATION INSTRUCTIONS

**Important Safety Notice:** Before attempting any repair or installation, ensure the dishwasher is disconnected from its power supply and the water supply is turned off. Failure to do so may result in electric shock, injury, or property damage. If you are unsure about any step, consult a qualified technician.

1. **Prepare the Dishwasher:** Open the dishwasher door and remove the lower dish rack to gain access to the lower wash arm.
2. **Remove the Old Wash Arm:** The lower wash arm is typically held in place by a retaining nut or clip at its center. Depending on your model, you may need to unscrew a nut or gently pull up on the wash arm to release it from the water supply tube. Observe how the old arm is attached for reference.
3. **Inspect the Area:** Clean any debris or food particles from the area where the wash arm connects to the water supply tube.

4. **Install the New Wash Arm:** Align the new INGQI Lower Wash Arm with the water supply tube in the center of the dishwasher tub. Push it down firmly or secure it with the retaining nut/clip, ensuring it clicks into place or is tightened appropriately. The arm should be able to spin freely.
5. **Replace Dish Rack:** Carefully place the lower dish rack back into the dishwasher.
6. **Restore Power and Water:** Reconnect the dishwasher to its power supply and turn on the water supply.
7. **Test Operation:** Run a short wash cycle to ensure the new wash arm spins correctly and water is being sprayed effectively. Check for any leaks.

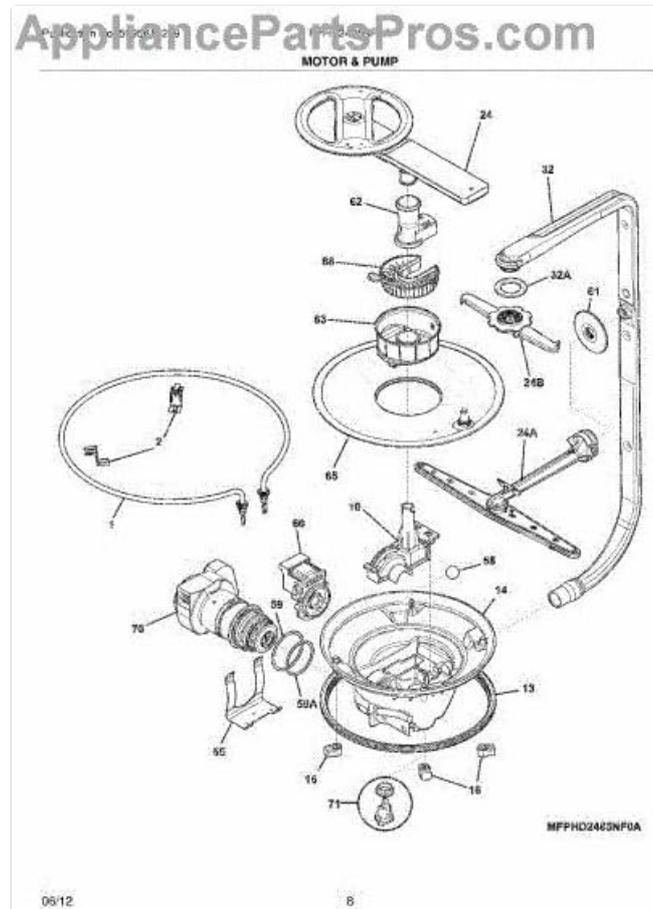


Figure 3: A typical exploded diagram illustrating the components of a dishwasher's motor and pump assembly, including the lower wash arm (labeled as '24' in some diagrams). This diagram serves as a general reference for component location.

## 5. OPERATION

Once installed, the lower wash arm operates automatically during a wash cycle. Water is pumped through the central water supply tube, entering the wash arm. The pressure of the water causes the arm to rotate, spraying water through its nozzles onto the dishes in the lower rack. This rotation and spray action are crucial for effective cleaning.

## 6. MAINTENANCE

To ensure optimal performance and longevity of your INGQI Lower Wash Arm, periodic maintenance is recommended:

- **Regular Cleaning:** Periodically remove the lower wash arm and rinse it under running water to clear any food particles or debris that may have accumulated in the spray nozzles. A small brush or

toothpick can be used to dislodge stubborn blockages.

- **Check for Damage:** Inspect the wash arm for cracks, warping, or damage to the spray nozzles. A damaged wash arm may not distribute water effectively.
- **Ensure Free Rotation:** After cleaning and reinstallation, manually spin the wash arm to ensure it rotates freely without obstruction.

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## 7. TROUBLESHOOTING

If you experience issues after installing the new wash arm, consider the following:

- **Poor Cleaning Performance:**
  - Check if the wash arm nozzles are clogged with food debris. Clean as described in the Maintenance section.
  - Ensure the wash arm is securely attached and can spin freely.
  - Verify that no tall items in the lower rack are obstructing the wash arm's rotation.
- **Wash Arm Not Spinning:**
  - Confirm the wash arm is properly seated on the water supply tube.
  - Check for obstructions preventing rotation.
  - Ensure adequate water pressure is reaching the dishwasher.

For issues unrelated to the wash arm, refer to your dishwasher's main instruction manual or contact a qualified appliance technician.

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## 8. SPECIFICATIONS

<b>Part Number</b>	5304507158 (AP6036393)
<b>Replaces Part Numbers</b>	154821902, 5304496935, 154821903, 5304498139, 5304507159, PS11770610
<b>Item Depth</b>	17.5 inches (44.45 cm)
<b>Item Height</b>	5.75 inches (14.61 cm)
<b>Item Width</b>	8.25 inches (20.96 cm)
<b>Item Weight</b>	1.2 lbs (0.54 kg)
<b>Manufacturer</b>	INGQI

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## 9. CUSTOMER SUPPORT

For any questions regarding this product or assistance with installation, please contact INGQI customer support. We are committed to providing satisfactory solutions.

*Specific contact information (phone, email, website) is typically provided by the seller at the point of purchase or on product packaging.*

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## 10. IMPORTANT SAFETY INFORMATION

- Always disconnect power to the appliance before servicing.
- Turn off the water supply to the appliance before servicing.
- Wear appropriate personal protective equipment, such as gloves, if necessary.
- Keep small parts away from children.
- Dispose of old parts responsibly according to local regulations.
- If you are not comfortable performing the repair, seek assistance from a qualified appliance technician.