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> Original Cycling Pump Hood Resistance Assembly User Manual

Whirlpool 480131000096, 481010518499

Original Cycling Pump Hood Resistance Assembly User Manual

Brand: Whirlpool | Model: 480131000096, 481010518499

1. PRODUCT OVERVIEW

This document provides essential information for the original cycling pump hood resistance assembly, a genuine replacement part for various dishwasher models. This assembly is designed to restore proper heating and circulation functions in your appliance.

The assembly has a power rating of 2040W and is compatible with dishwashers from brands such as WHIRLPOOL, BAUKNECHT, IGNIS, LADEN, IKEA WHIRLPOOL, and KITCHENAID.

Key features include:

- Genuine Whirlpool replacement kit.
- 2040W heating element for efficient operation.
- Includes necessary components for installation.

2. COMPONENTS INCLUDED



The image displays the complete cycling pump hood resistance assembly. It includes the main heating element and pump housing unit (grey cylindrical part with metal end), a white plastic pump housing base, two black rubber hoses/gaskets of different sizes, and several metal hose clamps. Green and black electrical wires with connectors are also visible, indicating the electrical connections for the assembly.

The package typically contains the following components:

- Resistance Heating Element
- Pump Hood/Housing
- Associated Hoses and Gaskets
- Mounting Clamps
- Electrical Connectors

3. COMPATIBLE MODELS

This resistance assembly is compatible with a wide range of dishwasher models from Whirlpool and associated brands. Please verify your appliance's model number against the list below to ensure compatibility. The part number for this genuine replacement is **481010518499**.

Whirlpool and Associated Brands: ADP 2300 SL, ADP 3T, ADP 4109/1 WH, ADP 4549 WH, ADP 4820 SL, ADP 4949 WH, ADP 5310 WH, ADP 5600 IX, ADP 6243 GG/1, ADP 6253 GG IX, ADP 63 GG IX, ADP 63 20 Wh, ADP 6332 WH, ADP 6529 WH, ADP 2300 WH, ADP 4108/1 WH, ADP 4407/1, ADP 4549/1 IX, ADP 4820, ADP 5300 WH, ADP 5350 PC, ADP 5778, ADP 6243 GG, ADP 6253 GG/2, ADP 6332 IX, ADP 6443 GG/1, ADP 6730 WH, ADP 6839, ADP 6914 WH S PACE+, ADP 6948 IX PC, ADP 6949 ECO, ADP 6949C WH, ADP 6966 ECO WH, ADP 699999696 ECO WH, ADP 93 PC IX, ADP 7955 WH TOUCH, ADP 8453 A++ 6S WH, ADP 8453 A++ PC 6S W, ADP 8463 A++ PC 6S W, ADP 8471 WH, ADP 8673 A+ PC 6S WH, ADP 6914 IX SPACE+, ADP 6947 PC, ADP 6948 PC, ADP 6949C SL, ADP 6966 ECO IX, ADP 6993 ECO, ADP 7955 IX TOUCH, ADP 8453 A++ 6S SL, ADP 8453 A++ PC 6S I, ADP 8463 A+ PC 6S WH, ADP 8471 IX, ADP 8673 A+ PC 6S IX, ADP 86S IX, ADP 86S 78 A+ 6S IX, ADP 8678 A+ PC 6S WH, ADP 8688 A+ TR PC6SW, ADP 8693 A+++PC TR6S, ADP 8773 A++ PC 6S I, ADP 8778 A+ 6S WH, ADP 8797 A++ PC 6S I, ADP H2O 10, ADP3500, ADP3500, ADP P4549/1IX, ADP4820, ADP4821IX, ADP4949WH, ADP5822, ADP 8688 A+ PC 6S WH, ADP 8693 A++ P C TR6S, ADP 8698 A+ 6S IX, ADP 8773 A++ PC 6S W, ADP 8797 A+ PC 6S IX, ADP 8S. 797 A++. PC 6S W, ADP2300S L, ADP4548WH, ADP4549WH, ADP4820SL, ADP4822IS, ADP5820WH, ADP606F/IX ECO, ADP6839, ADP6947PC, ADP6993PCIX, ADP7541GG 43GG/1, ADP8797A++ PCTR 6S I, ADPU 6342 6S IX, ADPU6331IX, ADPU63426SIX, ADP U7654WH, ADPU8473WH, ADPU8778A+6SI, ADPU8778A+6SWH, ADP6930PCSI, ADP6948PC, ADP7346, ADP7542G

G/2, ADP7546, ADP8797A++ PCTR 6S W, ADPU5300WH, ADPU6331WH, ADPU7654IX, ADPU8473IX, ADPU8773A+P C6S, ADPU8778A+6SIX, ADPU83A++PC666666666666A++++PC666, ADPU8783A++PCTR6, ADPU8793A++WH, ADPU8798A+WH, ADPU8793A++IX, ADPU8798A+IX, ADPY2320WH, ADG 120 S, ADG 140 DI, ADG 4000, ADG 4820 NB, ADG 482020200000 WH, ADG 5820 FD, ADG 5820 NB, ADG 610 NB, ADG 610, ADG 6240 IX, ADG 6240 WH, ADG 6240/1 IX, ADG 6245 IX, ADG 120, ADG 140, ADG 4820 FD, ADG 4820 S, ADG G 5000, ADG 5820 IX, ADG 5820 WH, ADG 610 WH, ADG 6240 FD, ADG 6240 NB, ADG 6240/1 FD, ADG 6245 FD, ADG 6300 FD, ADG 6330/5 IX, ADG 6340 NB, ADG 6370/1 IX, ADG 6442 IX, ADG 6442 WH, ADG 6446 IX, ADG 6446 WH, ADG 6448 IX, ADG 6448 WH, ADG 6560 SD IX, ADG 6570 SD IX, ADG 6660 SD IX, ADG 0 IX, ADG 684 FD, ADG 6340 IX, ADG 6340 WH, ADG 6442 FD, ADG 6442 NB, ADG 6446 FD, ADG 6446 NB, ADG 6448 FD, ADG 6448 NB, ADG 6500, ADG 6560/3 IX, G 6590 IX, ADG 6600, ADG 684 IX, ADG 684 NB, ADG 6900, ADG 694 IX, ADG 694 WH, ADG 6949 NB, ADG 6949, ADG 699/1 FD, ADG 699/1 NB, ADG 6999 IX, ADG 7355555550, ADG 7441 IX, ADG 7442 IX, ADG 7442 WH, ADG 684 WH, ADG 694 FD, ADG 694 NB, ADG 6949 IX, ADG 6949 WH, ADG 696 FD, ADG 699/1 IX, ADG 699 FD, ADG 700 LD, ADG 7441 FD, ADG 7442 FD, ADG 7442 NB, ADG 7443 IX, ADG 7445, ADG 7530 AV, ADG 7530 NB, ADG 7542 FD, ADG 7542 NB, ADG 7557/3, ADG 7559, ADG 76642/1 A+ IX, ADG 7820 FD, ADG 7820 NB, ADG 7995, ADG 8196 IX, ADG 8196 WH, ADG 7500 S, ADG 7530 IX, ADG 7530 WH, ADG 7542 IX, ADG 7542 WH, ADG 75557, ADG 7642 IX, ADG 7665/1, ADG 7820 IX, ADG 7820 WH, ADG 8192/1 IX, ADG 8196 NB, ADG 8200 IX, ADG 8243 FD, ADG 8315/2 WH, ADG 8442 IX, ADG 842 WH, ADG 84442 WH, ADG 8442 WH, ADG 73 LR IX, ADG 8473 LR WH, ADG 8515/2 AV, ADG 8515/2 WH, ADG 8530 IX, ADG 8530 WH, ADG 8531 NB, ADG 8542 FD, ADG 8542 NB, ADG 8315/2 IX, ADG 8442 FD, ADG 8442 NB, ADG 8473 LR FD, ADG 8473 LR NB, ADG 8493 A++ PC IX, ADG 8515/2 IX, ADG 8530 FD, ADG 8530 NB, ADG 8531 FD, ADG 8531 WH, ADG 8542 IX, ADG 8542 WH, ADG 8553 A+ FD, ADG 8558 A++ PC IX, ADG 8673 A+ PC IX, ADG 8675 A+ FD, ADG 8730/3 IX, ADG 8773 A++ FD, ADG 8773 A++ PC IX, ADG 8773 A++ PC TR F, ADG 8793 A++ PC TR F, ADG 87998 A+ PC FD, ADG 8798 A+ PC NB, ADG 8798 A+ PC WH, ADG 8800 IX, ADG 8558 A++ PC FD, ADG 8673 A+ PC FD, ADG 8673 A++ FD, ADG 8675 A+ IX, ADG 8740 IX, ADG 8773 A++ PC FD, ADG 8773 A++ PC NB, ADG 8773 A++ PC WH, ADG 8793 A++ PC TR I, ADG 8798 A+ PC IX, ADG 8798 A+ PC TR FD, ADG 8800 FD, ADG 8900 FD, ADG 8921 IX, ADG 8940 IX, ADG 8960 IX, ADG 9210, ADG 9340/3, ADG 9416/1, ADG 9442 FD, ADG 9442 NB, ADG 9500, ADG 9527/2, ADG 9590, ADG 9642, ADG 9820 FD, ADG 8930 IX, ADG 8950 IX, ADG 9041 FD, ADG 9247GK, ADG 9340/4, ADG 9420, ADG 9442 IX, ADG 9442 WH, ADG 9510, ADG 9553 A++ PC FD, ADG 9642/1 A+, ADG 9643, ADG 9820 IX, ADG 9840/1, ADG 9860, ADG 987/2 IX, ADG 987/2 WH, ADG 987/3 IX, ADG 987/3 WH, ADG 9929/2, ADG 999/1, ADG BABY NB, ADG BABY WH, ADG Baby FD, ADG SPACE IX, ADG SPACE, ADG 9850, ADG 987/2 FD, ADG 987/2 NB, ADG 987/3 FD, ADG 987/3 NB, ADG 9928/1, ADG 9960, ADG BABY FD, ADG BABY S, ADG BABY S, ADG Baby S, ADG SPACE NB, ADG 4820S, ADG5820IX, ADG63426SFD, ADG6949IX, ADG696WH, ADG7430/1FD, ADG7542NB, ADG8243 IX, ADG8783 A++PCTR6, ADGR 8507, ADGR 9406, ADGSPACEIX, ADG610WH, ADG6444440WH, 48 Wh, ADA. G6949NB, ADG699/1IX, ADG7530WH, ADG7654FD, ADG8473FD, ADG8898A+FD, ADGR 9330, ADGR 9517.

4. SPECIFICATIONS

Attribute	Detail
Brand	Whirlpool
Model Number	480131000096, 481010518499
Item Weight	770 g
Power Rating	2040W
Manufacturer	WHIRLPOOL
ASIN	B00MFDH4KE

5. INSTALLATION AND SETUP

Important Safety Notice: Installation of this part involves working with electrical components and water lines. For your safety and to ensure proper function, it is highly recommended that installation be performed by a qualified appliance technician. Disconnect the appliance from the power supply and water supply before attempting any installation or repair.

While specific steps vary by dishwasher model, general installation involves:

1. Disconnecting power and water to the dishwasher.
2. Accessing the pump and heating element area, typically from the bottom or side of the appliance.
3. Carefully disconnecting existing hoses, clamps, and electrical connections from the old assembly.
4. Removing the old assembly.
5. Installing the new assembly, ensuring all connections are secure and watertight.
6. Reconnecting power and water, then testing for leaks and proper operation.

Refer to your specific dishwasher's service manual for detailed, model-specific instructions and diagrams.

6. OPERATION

This resistance assembly is an internal component that facilitates the heating and circulation of water within your dishwasher. Its operation is integrated into the dishwasher's normal wash cycles. Once correctly installed, the dishwasher should resume its intended heating and washing functions without requiring direct user interaction with this specific part.

If the dishwasher was previously experiencing issues such as cold water washes, incomplete drying, or poor cleaning performance due to a faulty heating or circulation pump, replacing this assembly should resolve those issues, allowing the dishwasher to operate as designed.

7. MAINTENANCE

The cycling pump hood resistance assembly is designed to be a durable, long-lasting component and typically does not require routine maintenance. However, to prolong the life of your dishwasher and its components, consider the following general maintenance tips:

- **Regular Cleaning:** Periodically clean the dishwasher's filter and spray arms to prevent food particles and mineral deposits from accumulating, which can strain the pump and heating element.
- **Use Appropriate Detergent:** Use only dishwasher-specific detergents and rinse aids. Excessive suds or improper detergents can lead to residue buildup.
- **Water Hardness:** In areas with hard water, consider using a dishwasher cleaner or descaler periodically to prevent mineral buildup on heating elements and other internal parts.
- **Pre-Rinsing:** Scrape off large food particles from dishes before loading to reduce the burden on the dishwasher's filtration and pump system.

8. TROUBLESHOOTING

If your dishwasher continues to exhibit problems after replacing the cycling pump hood resistance assembly, consider the following general troubleshooting steps. Always ensure the appliance is disconnected from power before inspecting internal components.

- **No Heat/Cold Water:**
 - Verify electrical connections to the new heating element are secure.
 - Check the dishwasher's thermostat and high-limit thermostat for continuity (requires a multimeter).
 - Ensure the dishwasher is receiving proper voltage.
- **Poor Water Circulation/Washing:**
 - Inspect the pump housing for any obstructions or debris.

- Ensure the pump impeller is not damaged or blocked.
- Check for kinks or blockages in the water inlet and drain hoses.
- **Leaks:**
 - Carefully inspect all hose connections and clamps for tightness.
 - Ensure gaskets are properly seated and not pinched.
 - Check for cracks in the pump housing or other plastic components.
- **Dishwasher Not Starting:**
 - Confirm the dishwasher door is fully latched.
 - Check the circuit breaker or fuse for the dishwasher.
 - Ensure the power cord is securely plugged in.

If issues persist, it is advisable to consult a professional appliance repair technician.

9. WARRANTY AND SUPPORT

This product is a genuine Whirlpool replacement part. For specific warranty information regarding this component, please refer to the warranty terms provided by Whirlpool or the retailer from whom the part was purchased.

General return policy for this item is typically **30 days** for refund or replacement, as per the retailer's terms. Please retain your proof of purchase for any warranty or return claims.

For technical support or further assistance, please contact Whirlpool customer service or a certified appliance repair professional.

Manufacturer: WHIRLPOOL