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BAIXINDE 85330-47100

BAIXINDE Windshield Washer Motor Pump User Manual

Model: 85330-47100

PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the BAIXINDE Windshield Washer Motor Pump, model 85330-47100. This pump is designed as a replacement part for various Lexus and Toyota models.



Image: Front view of the BAIXINDE Windshield Washer Motor Pump. This image shows the main body of the pump with its electrical connector and fluid outlets.

COMPATIBILITY

This windshield washer motor pump is compatible with the following vehicle models:

- Lexus RX 350 (2016-2021)
- Lexus RX 350L (2018-2019)
- Lexus RX 450h (2016-2021)
- Lexus RX 450L (2020-2021)
- Lexus UX 200 (2019-2021)
- Lexus UX 250H (2019-2021)
- Toyota C-HR 2.0L (2018-2021)
- Toyota Corolla 2.0L (2019-2021)
- Toyota Highlander 2.5L (2020-2021)
- Toyota Highlander 3.5L (2020-2021)
- Toyota Prius (2017-2022)
- Toyota Prius AWD-e 1.8L (2019-2020)
- Toyota Prius Prime (2017-2020)
- Toyota RAV4 2.5L (2019-2021)
- Toyota Sienna (2021)
- Toyota Venza (2021)

Important: Please verify the compatibility with your specific vehicle model and year. Cross-reference the original equipment (OE) part numbers and compare your existing part's appearance, especially the electrical plug, with the product images to ensure a correct fit. The replacement OE numbers are 85330-47100, 060210-6950, 85330-0E03.

SETUP AND INSTALLATION

The installation of a windshield washer motor pump typically involves working with vehicle electrical systems and fluid lines. For optimal safety and proper function, it is highly recommended to have this component installed by a qualified professional mechanic.

General Installation Guidelines (Professional Installation Recommended):

1. **Safety First:** Disconnect the vehicle's battery before beginning any work to prevent electrical shorts.
2. **Access the Pump:** Locate the windshield washer fluid reservoir and the existing pump. This may require removing fender liners, bumper components, or other access panels depending on the vehicle model.
3. **Drain Fluid:** If possible, drain the washer fluid from the reservoir to minimize spills.
4. **Disconnect Old Pump:** Carefully disconnect the electrical connector and the fluid hoses from the old pump. Be prepared for residual fluid to leak.
5. **Remove Old Pump:** The pump is usually secured to the reservoir with a rubber grommet or a clip. Gently pull or unclip the old pump to remove it.
6. **Install New Pump:** Insert the new BAIXINDE pump into the reservoir opening, ensuring a snug fit with the grommet.
7. **Connect Hoses and Electrical:** Reconnect the fluid hoses to the appropriate outlets on the new pump. Ensure they are securely fastened to prevent leaks. Reconnect the electrical connector, ensuring it clicks into place.
8. **Refill Reservoir:** Fill the washer fluid reservoir with appropriate windshield washer fluid.
9. **Test Functionality:** Reconnect the vehicle's battery. Turn on the ignition and test the windshield washer system to ensure the pump operates correctly and fluid sprays from the nozzles. Check for any leaks around the pump connections.



Image: Side view of the pump, highlighting the electrical connector. This view helps in identifying the correct plug type for installation.



Image: Angled view of the pump, showing the fluid outlets. This perspective assists in understanding the hose connections.

OPERATING INSTRUCTIONS

The windshield washer motor pump operates automatically when activated via your vehicle's windshield washer stalk or button. Ensure the washer fluid reservoir is adequately filled for proper operation.

- To activate the front windshield washers, pull the washer stalk towards you (or press the designated button, refer to your vehicle's owner's manual).
- To activate the rear windshield washers (if applicable to your vehicle), push the washer stalk away from you (or press the designated button).
- The pump will spray fluid onto the windshield, and the wipers will activate to clear the glass.

Note: Do not operate the washer pump when the reservoir is empty, as this can lead to premature wear or damage to the pump.

MAINTENANCE

Regular maintenance of your windshield washer system ensures clear visibility and extends the life of the pump.

- **Fluid Level Check:** Periodically check the windshield washer fluid level in the reservoir. Refill with a high-quality windshield washer fluid as needed. Do not use plain water, especially in freezing temperatures, as it can freeze and damage the pump or lines.
- **Nozzle Inspection:** Ensure the washer nozzles are not clogged. If spray is weak or misdirected, the nozzles may need cleaning or adjustment.
- **Hose Inspection:** Occasionally inspect the fluid hoses connected to the pump for cracks, leaks, or kinks that could impede fluid flow.





Image: Top view of the pump, showing the overall compact design. This view helps visualize how the pump sits within the reservoir.

TROUBLESHOOTING

If you experience issues with your windshield washer system after installing the new pump, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Pump does not operate / No fluid spray	<ul style="list-style-type: none"> • Low or empty fluid reservoir • Blown fuse for washer system • Loose or disconnected electrical connector • Clogged nozzles or lines • Faulty washer stalk/switch 	<ul style="list-style-type: none"> • Refill reservoir • Check and replace fuse (refer to vehicle manual for fuse box location and diagram) • Ensure electrical connector is securely attached • Clean nozzles and check lines for blockages • Consult a professional for switch diagnosis
Weak fluid spray	<ul style="list-style-type: none"> • Low fluid level • Partially clogged nozzles or lines • Air in the system 	<ul style="list-style-type: none"> • Refill reservoir • Clean nozzles and check lines • Run the washer for a few seconds to purge air

Problem	Possible Cause	Solution
Fluid leak around pump	<ul style="list-style-type: none">• Improperly seated pump grommet• Loose or damaged fluid hoses	<ul style="list-style-type: none">• Ensure pump is fully seated and grommet is intact• Check hose connections and replace damaged hoses

If these steps do not resolve the issue, professional diagnosis is recommended.



Image: View of the pump's base, showing the inlet filter. A clogged filter can lead to weak spray or pump failure.

SPECIFICATIONS

Attribute	Detail
Brand	BAIXINDE
Model Number	85330-47100
Manufacturer Part Number	85330-47100
Replaces OE#	85330-47100, 060210-6950, 85330-0E03, 853300E030602106950, 8533047100
Material	High quality materials for increased reliability and durability
ASIN	B0B6BZDMFY
Date First Available	July 12, 2022



Image: Another angled view of the pump, providing a comprehensive look at its form factor.

WARRANTY AND SUPPORT

This BAIXINDE Windshield Washer Motor Pump comes with a **1-year warranty** from the date of purchase.

If you have any questions regarding the product, its compatibility, installation, or require assistance with troubleshooting, please contact the seller or manufacturer directly. Inquiries are typically responded to within 24 hours.



Image: Close-up view of the pump's connection points, showing the detail of the fluid inlet and outlet, and the electrical terminal.

