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## XUKEY J90287X2

# XUKEY Universal 4-Way Windshield Washer Nozzle Instruction Manual

Model: J90287X2

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your XUKEY Universal 4-Way Windshield Washer Nozzles. Please read this manual thoroughly before installation and use to ensure proper function and longevity of the product.



Image 1.1: XUKEY Universal 4-Way Windshield Washer Nozzles. These nozzles are designed to provide an efficient spray pattern for windshield cleaning.

## 2. SAFETY INFORMATION

Always exercise caution when working on your vehicle. Ensure the vehicle is turned off and the parking brake is engaged. Wear appropriate personal protective equipment, such as gloves and eye protection, if necessary. Keep small parts away from children.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 2 x XUKEY Universal 4-Way Windshield Washer Nozzles

## 4. PRODUCT FEATURES

- **Material:** Constructed from durable Copper and ABS plastic.
- **Design:** Features a 4-way adjustable jet design for comprehensive windshield coverage.
- **Installation:** Snap-on design for quick and easy attachment to wiper arms.

- **Compatibility:** Suitable for wiper arms with a diameter of 0.31–0.35 inches (8–9mm).
- **Function:** Designed to effectively spray away dirt and grime, contributing to driving safety and extending wiper blade life.



Image 4.1: Detailed view of the nozzle features, including the 4-hole adjustable design and snap-on mechanism.

## 5. SETUP AND INSTALLATION

The installation process is designed to be straightforward and typically takes only a few minutes.

1. **Prepare the Wiper Arm:** Ensure the existing washer nozzle is removed from the wiper arm. Clean the area if necessary.
2. **Attach the Nozzle:** Clip the XUKEY 4-way adjustable jet nozzle onto your wiper arm. The snap-on design secures it in place. Ensure it is firmly seated.
3. **Reconnect the Tube:** Reconnect the washer fluid tube to the inlet connection of the new nozzle. Ensure a secure fit to prevent leaks.
4. **Test Functionality:** Activate your vehicle's windshield washer system to check for proper spray pattern and coverage.



**XUKEY Windshield Washer  
Nozzles Suitable for 8mm Wiper Arm**



Image 5.1: Nozzle mounted on a wiper arm, showing the secure fit.



Image 5.2: Visual guide for attaching the nozzle and connecting the fluid tube.

## 6. OPERATING INSTRUCTIONS

Once installed, the XUKEY 4-Way Windshield Washer Nozzles operate in conjunction with your vehicle's existing windshield washer system. The 4-way adjustable jets provide a wide spray pattern for effective cleaning.

- **Jet Adjustment:** The brass spray ports are designed to be adjustable. If the spray pattern requires fine-tuning, gently adjust the direction of the brass tips using a small, pointed tool (e.g., a pin or needle) to direct the water flow precisely onto the windshield.
- **Activation:** Activate the windshield washer function from your vehicle's control stalk or button as you normally would.



## XUKEY 2 Pieces Windshield Washer Nozzle Universal 4 Hole



Image 6.1: The nozzle in operation, showing the effective spray pattern on the windshield.

## 7. MAINTENANCE

Regular maintenance ensures optimal performance of your washer nozzles.

- **Cleaning:** Periodically inspect the nozzles for any debris or mineral deposits that may obstruct the spray. Use a fine pin or needle to clear any blockages in the spray ports.
- **Fluid Check:** Ensure your vehicle's washer fluid reservoir is adequately filled with appropriate windshield washer fluid.
- **Hose Inspection:** Check the washer fluid hose for any cracks, kinks, or loose connections that could affect fluid delivery.

## 8. TROUBLESHOOTING

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
No spray or weak spray	Clogged nozzle, low washer fluid, kinked hose, loose connection	Clear nozzle with a pin, refill washer fluid, inspect and straighten hose, secure connections.
Incorrect spray pattern	Nozzle misaligned	Gently adjust the brass spray tips using a fine tool.
Leakage at connection point	Loose hose connection	Ensure the washer fluid tube is securely attached to the nozzle inlet.

## 9. SPECIFICATIONS

<b>Feature</b>	<b>Detail</b>
Brand	XUKEY
Model Number	J90287X2
Material	Copper, ABS
Item Weight	0.317 ounces (per pair)
Package Dimensions	5.91 x 4.41 x 0.47 inches
Inlet Connection Type	Push-Fit
Number of Ports	4 (per nozzle)
Compatibility	Wiper arms 0.31–0.35 inches (8–9mm)

## Product Size

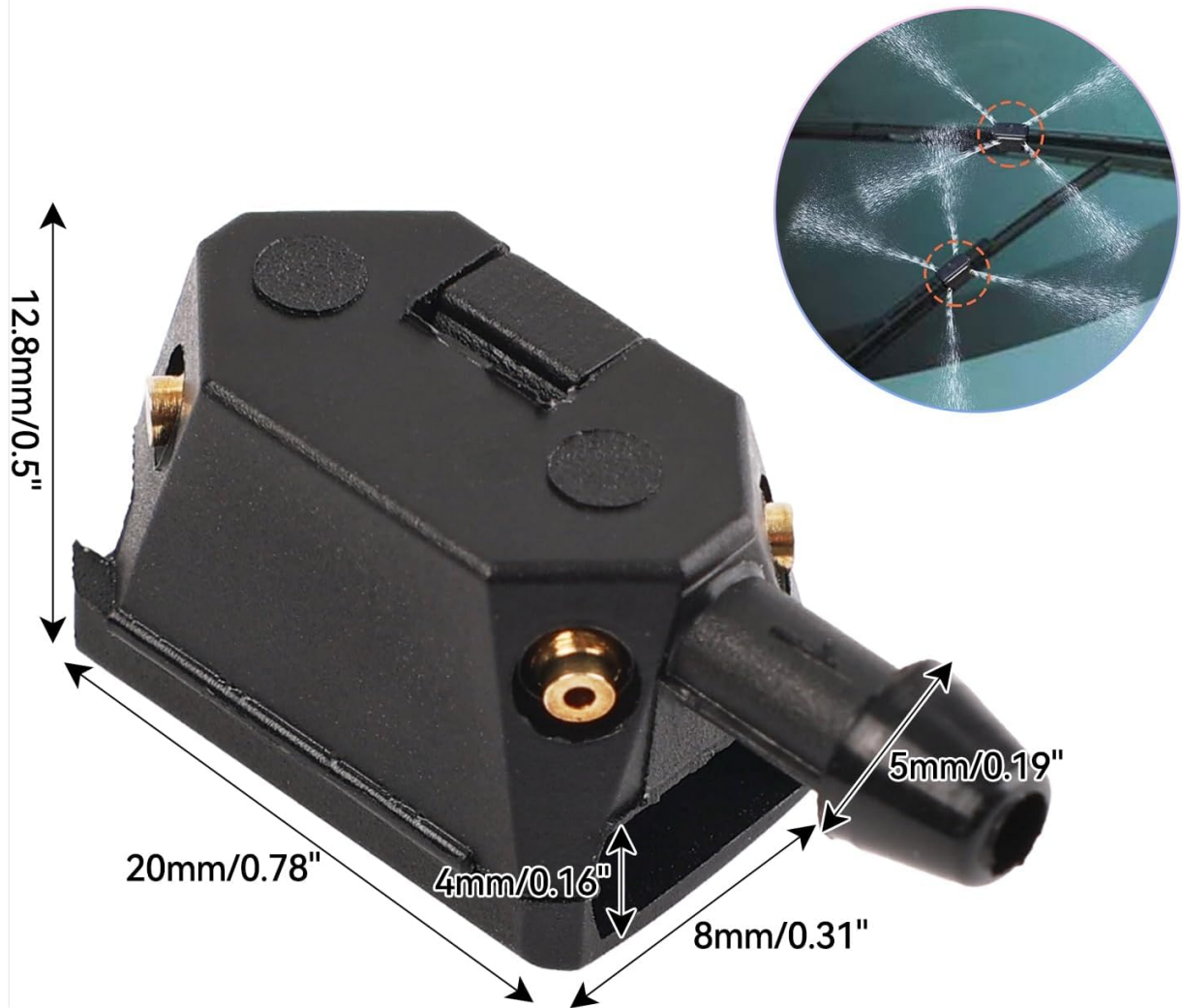


Image 9.1: Product dimensions for reference.

## 10. WARRANTY AND SUPPORT

For any questions, technical assistance, or warranty inquiries regarding your XUKEY Universal 4-Way Windshield Washer Nozzles, please contact XUKEY customer support through the retailer where the product was purchased. Please retain your proof of purchase for warranty claims.