

Ejoyous AWP01

Ejoyous 12V Universal Windshield Washer Pump (Model AWP01) Instruction Manual

Brand: Ejoyous | Model: AWP01

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Ejoyous 12V Universal Windshield Washer Pump, Model AWP01. This pump is designed to efficiently deliver windshield washer fluid to clean your vehicle's windscreen.

The Ejoyous AWP01 is a direct replacement for existing or damaged washer pumps, suitable for a wide range of vehicles including cars, vans, buses, and trucks. It features a durable plastic construction and a dual-outlet design for effective cleaning.

2. PRODUCT OVERVIEW

The Ejoyous AWP01 Windshield Washer Pump is a compact, 12V electric pump designed for automotive windshield cleaning systems. It features two fluid outlets and electrical terminals for power connection.



Figure 2.1: Front view of the Ejoyous 12V Universal Windshield Washer Pump, Model AWP01. This image shows the pump's compact black plastic body with two fluid outlets labeled 'IN' and 'OUT', and two brass electrical terminals.

Angle Display



Figure 2.2: Multiple angle views of the Ejoyous 12V Universal Windshield Washer Pump. This composite image displays the pump from top, side, and front perspectives, highlighting its mounting bracket, electrical terminals, and fluid ports.

Details Show



Figure 2.3: Detailed view of the Ejoyous 12V Universal Windshield Washer Pump. This image provides a closer look at the pump's components, including the electrical connections and fluid ports. It also shows the pump integrated into a reservoir system.

3. SPECIFICATIONS

Feature	Detail
Brand	Ejoyous
Model Number	AWP01
Material	Plastic
Color	Black
Voltage	12 Volts (DC)
Connector	2-pin
Item Weight	2.89 ounces (approx. 82g)
Fitment	Universal (Car, Van, Bus, Truck)

4. SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure proper wiring connections to prevent electrical shorts or damage.
- Wear appropriate personal protective equipment (PPE) such as gloves and eye protection during installation.
- Do not operate the pump dry; ensure the washer fluid reservoir contains fluid.
- Keep out of reach of children.

5. SETUP AND INSTALLATION

The Ejoyous AWP01 windshield washer pump is designed for straightforward replacement. Follow these general steps for installation:

1. **Locate the Existing Pump:** Identify the current windshield washer pump, typically located on or near the washer fluid reservoir.
2. **Disconnect Power:** Disconnect the negative terminal of your vehicle's battery to prevent electrical hazards.
3. **Drain Fluid:** If possible, drain the washer fluid from the reservoir to minimize spills.
4. **Remove Old Pump:** Disconnect the electrical connector and the fluid hoses from the old pump. Carefully remove the old pump from the reservoir.
5. **Install New Pump:** Insert the new Ejoyous AWP01 pump into the reservoir opening. Ensure it is securely seated.
6. **Connect Hoses:** Attach the fluid hoses to the appropriate 'IN' and 'OUT' ports on the new pump. Ensure a snug fit to prevent leaks.
7. **Connect Electrical:** Reconnect the 2-pin electrical connector to the pump.
8. **Refill Reservoir:** Fill the washer fluid reservoir with appropriate windshield washer fluid.
9. **Reconnect Battery:** Reconnect the negative terminal of the vehicle's battery.
10. **Test System:** Test the windshield washer system to ensure the pump operates correctly and fluid is dispensed properly.

Note: Some vehicle designs may have limited access to mounting points or hose connections. Ensure adequate space for tools during installation.

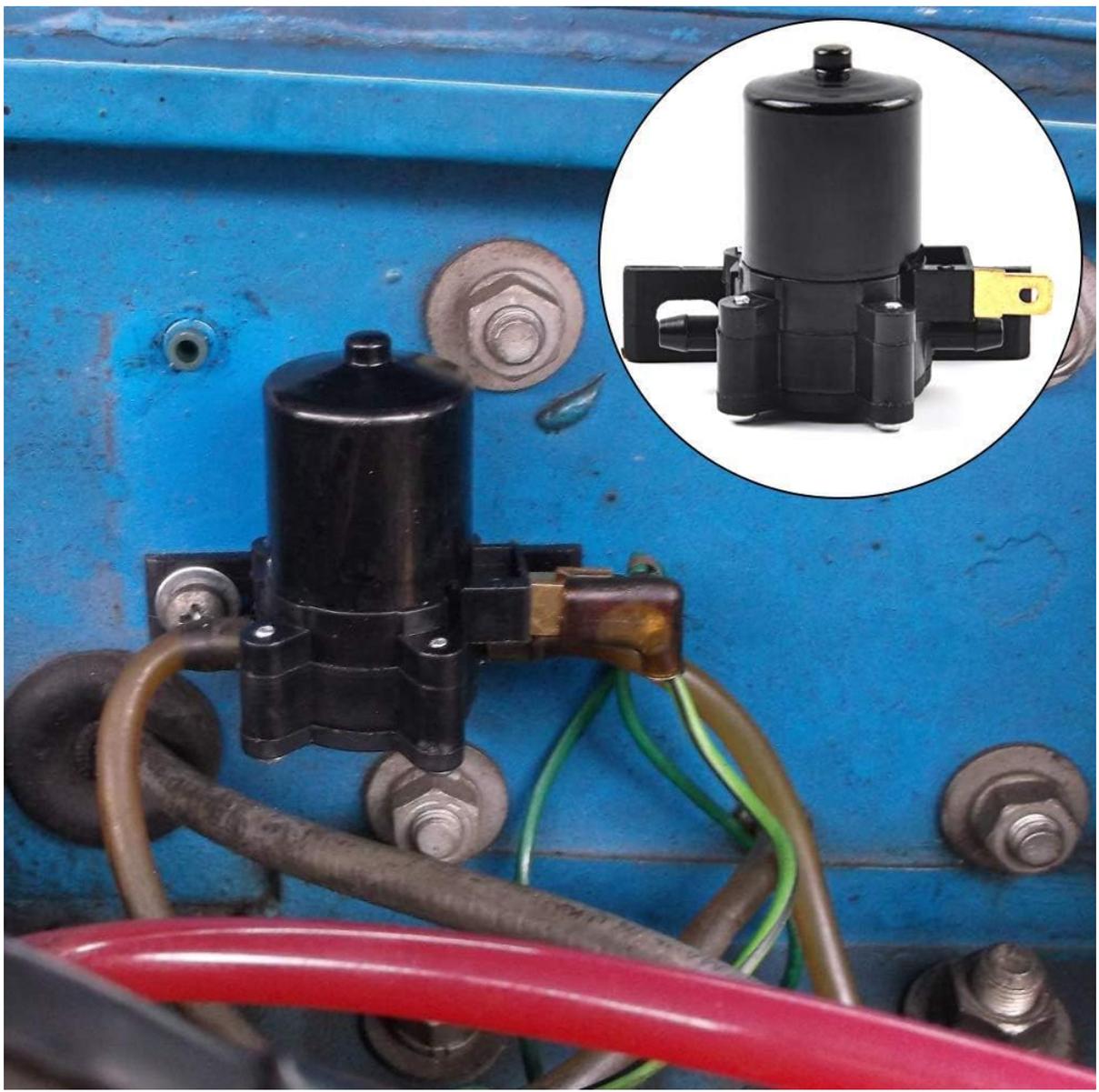


Figure 5.1: Example of the Ejoyous 12V Universal Windshield Washer Pump installed in a vehicle's engine bay. This image illustrates the pump connected to hoses and wiring, mounted within the vehicle's system.

Installation Overview Videos

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Video 5.1: A brief demonstration of the Windshield Washer Motor Pump, showcasing its physical appearance and basic handling. This video provides a visual overview of the product.

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Video 5.2: A short video highlighting the AWP01 Windshield Washer Pump, demonstrating its features and design. This video offers another perspective on the product's form factor.

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Video 5.3: A quick visual presentation of the Windscreen Washer Pump, showing its various angles and components. This video helps in understanding the product's physical attributes.

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Video 5.4: Another short video showcasing the Windshield Washer Motor Pump, providing a concise look at its design and functionality. This video reinforces the product's visual details.

6. OPERATING INSTRUCTIONS

Once installed, the Ejoyous AWP01 Windshield Washer Pump operates in conjunction with your vehicle's existing windshield washer system. To activate the pump:

1. Ensure the washer fluid reservoir is adequately filled with appropriate windshield washer fluid.
2. Turn on your vehicle's ignition.
3. Activate the windshield washer function using your vehicle's wiper stalk or dashboard control. The pump will engage to spray fluid onto the windshield.

The pump is designed to deliver fluid quickly and effectively for clear visibility.

7. MAINTENANCE

To ensure optimal performance and longevity of your Ejoyous AWP01 Windshield Washer Pump, consider the following maintenance tips:

- **Regular Fluid Checks:** Periodically check the washer fluid level in the reservoir and refill as needed. Avoid running the pump dry.
- **Use Quality Fluid:** Use only recommended windshield washer fluid. Avoid plain water, especially in freezing temperatures, as it can freeze and damage the pump or lines.
- **Inspect Hoses and Connections:** Occasionally inspect the fluid hoses and electrical connections for any signs of wear, cracks, or leaks. Ensure all connections are secure.
- **Clean Nozzles:** If fluid flow is weak or uneven, check and clean the windshield washer nozzles for any blockages.

8. TROUBLESHOOTING

If you encounter issues with your Ejoyous AWP01 Windshield Washer Pump, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Pump does not operate / No fluid spray	<ul style="list-style-type: none">◦ Low or empty fluid reservoir◦ Blown fuse◦ Faulty electrical connection◦ Clogged nozzles or hoses◦ Defective pump	<ul style="list-style-type: none">◦ Refill reservoir◦ Check and replace fuse if necessary◦ Inspect and secure electrical connections◦ Clear any blockages in nozzles or hoses◦ Replace pump if all other solutions fail
Weak or inconsistent fluid spray	<ul style="list-style-type: none">◦ Partially clogged nozzles or hoses◦ Low fluid level◦ Air in the system◦ Aging or weak pump	<ul style="list-style-type: none">◦ Clean nozzles and flush hoses◦ Refill reservoir◦ Run the system for a few seconds to purge air◦ Consider replacing the pump

Fluid leaks

- Loose hose connections
- Cracked hoses or reservoir
- Damaged pump seal
- Tighten hose clamps or connections
- Inspect and replace damaged hoses or reservoir
- Replace pump if the seal is damaged

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For further assistance, please contact Ejoyous customer support.

Documents - Ejoyous – AWP01
no relevant documents