

APDTY 171550

APDTY 171550 Windshield Washer Nozzle User Manual

Model: 171550

1. PRODUCT OVERVIEW

The APDTY 171550 Windshield Washer Nozzle is a direct replacement component designed to restore proper windshield washing functionality to your vehicle. This product is supplied as a pack of two nozzles, ensuring coverage for both left and right sides if required, or providing a spare.



Figure 1.1: Side view of the APDTY 171550 Windshield Washer Nozzle, showing the spray outlet and hose connection.

2. SPECIFICATIONS

Attribute	Detail
Manufacturer	APDTY
Brand	APDTY
Model Number	171550
Item Weight	0.64 ounces
Product Dimensions	1.2 x 2 x 4.97 inches
Exterior Finish	Ready To Paint If Needed
OEM Part Numbers Replaced	5182327AA, 68260029AA
ASIN	B0DP5LWCZN

3. VEHICLE COMPATIBILITY

This windshield washer nozzle is designed for specific vehicle models. Please verify your vehicle's make, model, and year against the list below to ensure proper fitment. This product replaces OEM part numbers 5182327AA and 68260029AA.

- **2011-2021 Chrysler 300:** Compatible for both Left and Right side applications.
- **2023 Chrysler 300:** Compatible for both Left and Right side applications.
- **2011-2014 Dodge Charger:** Compatible for both Left and Right side applications.

***Note:** Always cross-reference with your vehicle's existing part number or consult a professional to confirm compatibility before installation.*

4. INSTALLATION INSTRUCTIONS

Installation of the windshield washer nozzle typically involves a few basic steps. While specific procedures may vary slightly by vehicle model, the general process is outlined below. It is recommended to consult your vehicle's service manual for detailed instructions.

Required Tools (Typical):

- Flathead screwdriver or trim removal tool
- Pliers (optional, for hose clamps)
- Clean cloth

Installation Steps:

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the hood is open. For safety, you may disconnect the negative terminal of the battery, though this is often not strictly necessary for nozzle replacement.
2. **Locate Existing Nozzle:** Identify the windshield washer nozzle(s) on the hood or cowl panel.
3. **Disconnect Washer Hose:** Carefully disconnect the washer fluid hose from the underside of the old nozzle. A small amount of fluid may leak out. Have a cloth ready.

4. **Remove Old Nozzle:** Depending on the vehicle, the nozzle may be clipped in, screwed in, or held by a retaining nut. Use a trim removal tool or flathead screwdriver to gently pry or unscrew the old nozzle from its mounting point.



Figure 4.1: Underside view of the nozzle, highlighting the mounting clips and hose connection.

5. **Install New Nozzle:** Insert the new APDTY 171550 nozzle into the opening. Ensure it clicks securely into place or is fastened as per the original design.



Figure 4.2: Angled view of the nozzle, ready for installation.

6. **Reconnect Washer Hose:** Firmly attach the washer fluid hose to the new nozzle's connection point. Ensure a snug fit to prevent leaks.



Figure 4.3: Top-down view of the nozzle, showing the spray opening.

7. **Test Functionality:** Close the hood. Turn on the vehicle's ignition (or start the engine) and activate the windshield washer system to check for proper spray pattern and absence of leaks. Adjust nozzle direction if necessary (some nozzles allow for minor adjustment with a pin or small screwdriver).



Figure 4.4: Detailed view of the nozzle's spray mechanism.

Warning: California Proposition 65. This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

5. OPERATION

The APDTY 171550 Windshield Washer Nozzle operates as an integral part of your vehicle's windshield washing system. Once installed, its function is automatic when the washer fluid system is activated via the vehicle's controls (typically a lever on the steering column).

- Ensure the washer fluid reservoir is adequately filled with appropriate windshield washer fluid.
- Activate the windshield washer function in your vehicle. The nozzle will spray fluid onto the windshield, allowing the wipers to clear debris and dirt.
- If the spray pattern is not optimal, some nozzles allow for minor adjustment using a small pin or needle to direct the spray jets. Refer to your vehicle's manual for specific adjustment procedures.

6. MAINTENANCE

Proper maintenance ensures the longevity and effective operation of your windshield washer nozzles.

- **Regular Cleaning:** Periodically inspect the nozzle openings for blockages from wax, dirt, or debris. Use a fine needle or pin to gently clear any obstructions.
- **Fluid Quality:** Always use high-quality windshield washer fluid. Avoid using plain water, especially in freezing temperatures, as it can freeze and damage the nozzles or fluid lines.

- **Hose Inspection:** Check the washer fluid hoses connected to the nozzles for cracks, kinks, or loose connections that could lead to leaks or reduced spray pressure.

7. TROUBLESHOOTING

If you experience issues with your windshield washer nozzles, consider the following troubleshooting steps:

- **No Spray or Weak Spray:**
 - Check the washer fluid reservoir level.
 - Inspect the nozzle openings for clogs and clear them with a fine pin.
 - Check for kinks or disconnections in the washer fluid hoses.
 - Listen for the washer pump motor when activating the system. If no sound, the pump may be faulty.
 - Ensure the fuse for the washer pump is intact.
- **Incorrect Spray Pattern:**
 - Gently adjust the nozzle direction using a small pin if your nozzle type allows.
 - Ensure the nozzle is securely seated in its mounting hole.
- **Leaks:**
 - Verify that the washer fluid hose is securely connected to the nozzle.
 - Inspect the hose for any cracks or damage.

If these steps do not resolve the issue, professional automotive assistance may be required.

8. WARRANTY AND SUPPORT

APDTY products are manufactured to high standards. For information regarding warranty coverage, return policies, or technical support, please refer to the official APDTY website or contact their customer service directly. The manufacturer's contact information can typically be found on their official website or through the retailer where the product was purchased.

This product is sold by "Auto Parts Direct To You" and is subject to a 30-day refund/replacement return policy as per the buybox winner details.

Manufacturer: APDTY

Manufacturer Part Number: 171550

ASIN: B0DP5LWCZN

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This manual is for informational purposes only. Always exercise caution and consult a qualified professional for complex installations or repairs.