

Dorman 58168

Dorman 58168 Windshield Washer Nozzle Instruction Manual

Model: 58168

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1. PRODUCT OVERVIEW

The Dorman 58168 Windshield Washer Nozzle is a direct replacement component designed to restore the functionality of your vehicle's windshield washer system. This part is engineered to match the fit and function of the original factory part, ensuring reliable performance and durability. It addresses common issues such as clogged or leaking washer nozzles, which can impair visibility and driving safety.

Key Features:

- **Direct Replacement:** Matches the fit and function of the factory part for specified vehicle years, makes, and models.
- **Ideal Solution:** Provides a reliable replacement for original parts that have failed due to clogging, leaks, or other damage.
- **Durable Construction:** Manufactured from quality materials to ensure reliable performance and a long service life.
- **Trustworthy Quality:** Backed by Dorman's century of automotive experience and product expertise.



Image 1.1: Main view of the Dorman 58168 Windshield Washer Nozzle. This image shows the overall shape and connection point of the nozzle.

2. VEHICLE COMPATIBILITY

The Dorman 58168 Windshield Washer Nozzle is compatible with select Ford and Mercury models. To ensure precise fitment for your vehicle, it is recommended to verify compatibility using your vehicle's make, model, and trim level.

Known Compatible Vehicles:

- **Ford Escape:** 2008, 2009, 2010, 2011, 2012
- **Mercury Mariner:** 2008, 2009, 2010, 2011

Note: This list may not be exhaustive. Always confirm fitment for your specific vehicle before purchase or installation.

3. WHAT'S IN THE BOX

Each package of the Dorman 58168 Windshield Washer Nozzle contains the following:

- 1 x Dorman 58168 Windshield Washer Nozzle

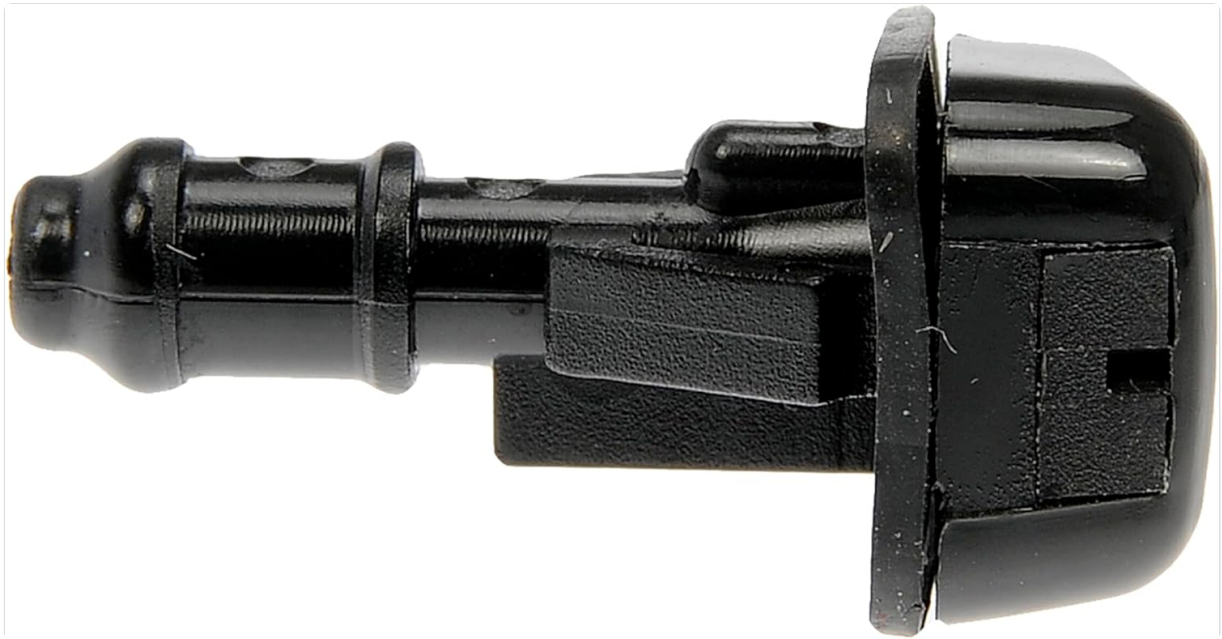


Image 3.1: Side view of the Dorman 58168 Windshield Washer Nozzle. This angle highlights the hose connection point and the nozzle body.

4. INSTALLATION GUIDE

This section provides general instructions for replacing a windshield washer nozzle. Specific steps may vary slightly depending on your vehicle model. It is recommended to consult your vehicle's service manual for detailed instructions.

Tools and Materials (Not Included):

- Small flat-head screwdriver or trim removal tool (for prying)
- Clean cloth
- Safety glasses

Installation Steps:

1. **Prepare the Vehicle:** Park your vehicle on a level surface and turn off the engine. Open the hood to access the windshield cowl area where the washer nozzles are located.
2. **Locate the Old Nozzle:** Identify the washer nozzle(s) that need replacement. They are typically located on the hood or the cowl panel near the base of the windshield.
3. **Disconnect Washer Hose:** Carefully disconnect the rubber washer fluid hose from the underside of the old nozzle. This may require gently pulling or twisting the hose. Be prepared for a small amount of fluid to leak.
4. **Remove Old Nozzle:** Depending on your vehicle, the nozzle may be held in place by clips or a simple friction fit. Use a small flat-head screwdriver or trim removal tool to gently pry the old nozzle out of its mounting hole. Apply even pressure to avoid damaging the surrounding plastic.
5. **Inspect Mounting Area:** Clean any debris or residue from the mounting hole before installing the new nozzle.
6. **Install New Nozzle:** Align the Dorman 58168 washer nozzle with the mounting hole. Press it firmly into place until it clicks or sits securely. Ensure it is flush with the surface.
7. **Reconnect Washer Hose:** Reattach the washer fluid hose to the new nozzle's connection point. Ensure a snug fit to prevent leaks.

8. **Test the System:** Close the hood. Turn on your vehicle and activate the windshield washer system to check for proper spray pattern and any leaks. Adjust the nozzle direction if necessary (some nozzles are adjustable, others are fixed).

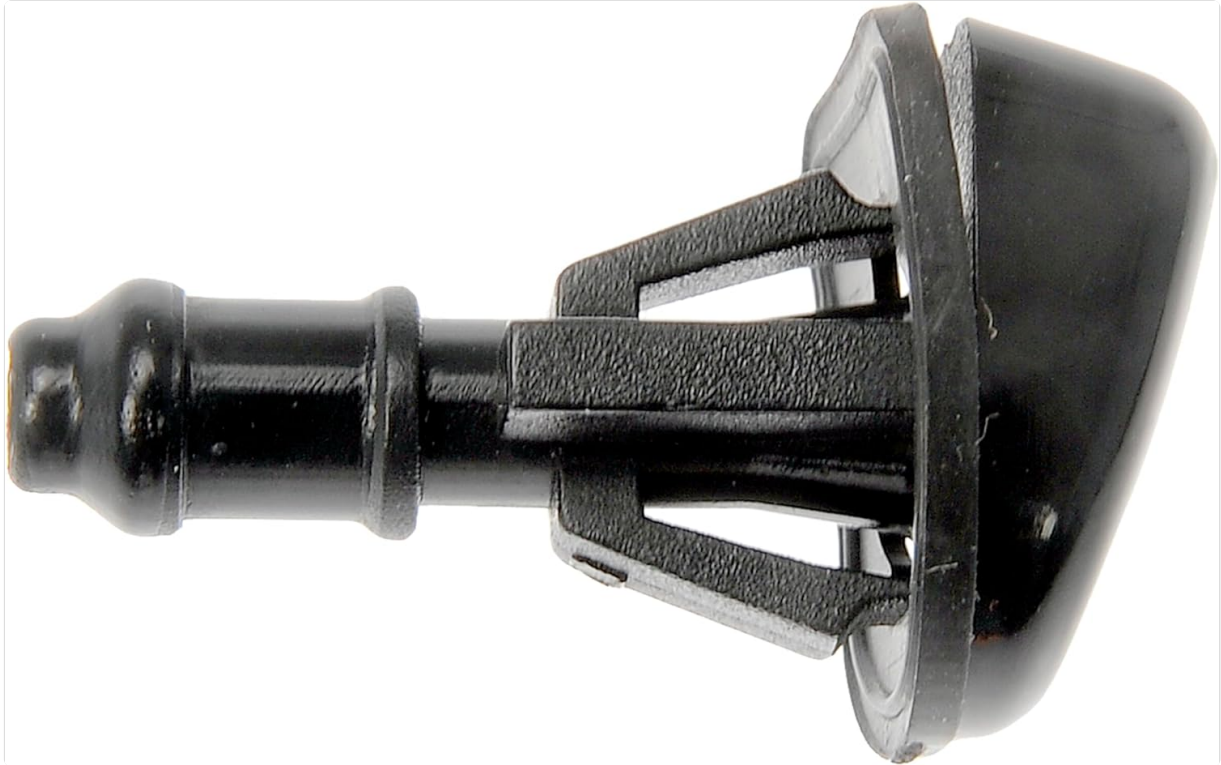


Image 4.1: Angled view of the Dorman 58168 Windshield Washer Nozzle. This view helps in understanding the mounting tabs and hose connection.

5. OPERATION

The Dorman 58168 Windshield Washer Nozzle functions as an integral part of your vehicle's windshield washer system. Once installed, it directs washer fluid from the reservoir onto the windshield when the washer function is activated from inside the vehicle. This helps to clear dirt, debris, and grime, maintaining clear visibility for safe driving.

To operate the system, refer to your vehicle's owner's manual for the specific lever or button controls for the windshield wipers and washer fluid.



Image 5.1: Front view of the Dorman 58168 Windshield Washer Nozzle. This shows the spray opening of the nozzle.

6. MAINTENANCE

Proper maintenance of your windshield washer system, including the nozzle, ensures optimal performance and longevity. While the Dorman 58168 nozzle is designed for durability, regular checks are recommended.

- **Fluid Level:** Regularly check and refill your vehicle's windshield washer fluid reservoir. Use a high-quality washer fluid, especially one suitable for cold weather if applicable, to prevent freezing and clogging.
- **Nozzle Cleaning:** If the spray pattern becomes weak or uneven, the nozzle opening may be partially clogged. Gently clear any visible debris from the nozzle opening using a fine needle or pin. Be careful not to enlarge the opening.
- **Hose Inspection:** Periodically inspect the washer fluid hoses for cracks, kinks, or loose connections that could lead to leaks or reduced fluid pressure.

7. TROUBLESHOOTING

If you experience issues with your windshield washer system after installing the Dorman 58168 nozzle, consider the following common problems and solutions:

Problem	Possible Cause	Solution
No fluid sprays from nozzle.	Empty washer fluid reservoir. Clogged nozzle. Disconnected or kinked hose. Faulty washer pump (unrelated to nozzle).	Refill reservoir. Clear nozzle opening with a fine pin. Check hose connections and straighten kinks. Consult a mechanic if pump is suspected.
Weak or uneven spray pattern.	Partially clogged nozzle. Low fluid level. Air in the system.	Clear nozzle opening. Refill reservoir. Run washer for a few seconds to clear air.
Fluid leaks around the nozzle.	Loose hose connection. Nozzle not seated properly.	Ensure hose is securely attached. Press nozzle firmly into mounting hole until fully seated.

8. SPECIFICATIONS

Key technical specifications for the Dorman 58168 Windshield Washer Nozzle:

Attribute	Value
Manufacturer	Dorman Products
Brand	Dorman
Model Number	58168
Item Weight	0.352 ounces
Product Dimensions	0.7 x 3.2 x 4 inches
OEM Part Number	58168; 8L8Z17603AA

9. WARRANTY AND SUPPORT

For specific warranty information regarding the Dorman 58168 Windshield Washer Nozzle, please refer to the warranty documentation provided with your purchase or visit the official Dorman Products website. Dorman stands by the quality of its products, backed by over a century of automotive experience.

Customer Support:

If you have any questions, require technical assistance, or need to report an issue, please contact Dorman Products customer support through their official channels. You can typically find contact information on their website or on the product packaging.

For more information, visit the [Dorman Store on Amazon](#).

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This manual is for informational purposes only. Always follow proper safety procedures when working on vehicles.