

Dorman 911-775

Dorman 911-775 Vapor Canister Purge Valve Instruction Manual

Compatible with Select Ford and Lincoln Models

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, operation, and maintenance of your Dorman 911-775 Vapor Canister Purge Valve. This component is a direct replacement part designed to ensure the correct function of your vehicle's evaporative emissions (EVAP) system. Adhering to these instructions will help maintain vehicle performance and compliance with emissions standards.

2. PRODUCT OVERVIEW

The Dorman 911-775 Vapor Canister Purge Valve is a critical component of the EVAP system, responsible for managing fuel vapors. It releases stored fuel vapors from the charcoal canister into the engine's intake manifold for combustion, preventing their release into the atmosphere. This valve is engineered for a perfect fit and plug-and-play installation, matching the original equipment's form, fit, and function. It is constructed from premium materials to ensure a long service life and has undergone rigorous testing for proper fit and performance.



Figure 1: Complete Dorman 911-775 Vapor Canister Purge Valve assembly.

3. COMPATIBILITY

The Dorman 911-775 Vapor Canister Purge Valve is compatible with the following vehicle models:

- **Ford Fusion:** 2013, 2014, 2015, 2016
- **Lincoln MKZ:** 2013, 2014, 2015, 2016

Always verify fitment using your vehicle's specific year, make, and model before purchasing and installing any replacement part.

4. SYMPTOMS OF A FAILING PURGE VALVE

A malfunctioning vapor canister purge valve can lead to several issues, including:

- Difficulty restarting the vehicle, especially after refueling.
- Illumination of the Check Engine Light (CEL). Common diagnostic trouble codes (DTCs) associated with a faulty purge valve include P1450 (Excessive Negative Pressure in Fuel Tank) and P0441 (EVAP System Incorrect Purge Flow).
- Failure of emissions inspections.
- Rough idling or stalling.

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Video 1: Dorman Canister Purge Valve Overview. This video, provided by Dorman Products, offers a general overview of canister purge valves and their function within the EVAP system.

5. INSTALLATION

While the Dorman 911-775 is designed for direct replacement, professional installation is recommended due to the complexity of accessing and replacing the component in some vehicles. If you choose to perform the installation yourself, ensure you have the necessary tools and technical knowledge. Always disconnect the vehicle's battery before beginning any work on the electrical system.

General Installation Steps:

1. **Locate the Existing Purge Valve:** Refer to your vehicle's service manual for the exact location of the vapor canister purge valve. It is typically found near the engine or the fuel tank.
2. **Disconnect Electrical Connector:** Carefully disconnect the electrical connector from the old purge valve.
3. **Disconnect Hoses:** Detach all vacuum and fuel vapor hoses connected to the purge valve. Note the routing of these hoses for correct reinstallation. Some connections, particularly the lower ones, may be challenging to access and release. Specialized tools like long 90-degree picks or flathead screwdrivers might be necessary to release clips.
4. **Remove Old Purge Valve:** Unmount the old purge valve from its bracket.
5. **Install New Purge Valve:** Mount the new Dorman 911-775 purge valve onto the bracket.
6. **Reconnect Hoses:** Reattach all hoses to the new valve, ensuring they are securely connected and routed correctly. Double-check all connections to prevent leaks.
7. **Reconnect Electrical Connector:** Plug in the electrical connector to the new purge valve.
8. **Clear Diagnostic Codes:** After installation, use an OBD-II scanner to clear any stored diagnostic trouble codes (DTCs) from the vehicle's computer.
9. **Test Drive:** Perform a test drive to ensure proper operation and that the Check Engine Light does not reappear.



Figure 2: Close-up view of the Dorman 911-775 valve component.



Figure 3: Detailed view of the connectors on the Dorman 911-775.

Your browser does not support the video tag.

Video 2: User-generated video demonstrating the installation process for a similar purge valve on a Ford Edge EcoBoost. While not an official Dorman video, it provides practical insights into the installation challenges and connection points.

6. OPERATION

The vapor canister purge valve is controlled by the vehicle's engine control unit (ECU). During specific engine operating conditions (e.g., warm engine, certain RPMs), the ECU opens the purge valve, allowing stored fuel vapors to be drawn from the charcoal canister into the engine to be burned. This process is crucial for reducing harmful emissions and maintaining fuel efficiency.

7. MAINTENANCE

The vapor canister purge valve is generally considered a maintenance-free component. However, its lifespan can be affected by environmental factors such as exposure to salt, moisture, and road debris. Regular vehicle maintenance, including checking for vacuum leaks and ensuring the fuel cap is properly sealed, can help prolong the life of your EVAP system components.

8. TROUBLESHOOTING

If you experience symptoms of a failing purge valve after replacement, consider the following:

- **Check Connections:** Ensure all hoses and electrical connectors are securely attached to the new purge valve and are not kinked or damaged.
- **Vacuum Leaks:** Inspect the entire EVAP system for any vacuum leaks, including hoses, lines, and the charcoal canister itself.
- **Fuel Cap:** A loose or faulty fuel cap can trigger EVAP system codes. Ensure it is tightened properly.

- **Diagnostic Scan:** Use an OBD-II scanner to re-check for any new or persistent diagnostic trouble codes. This can help pinpoint other issues within the EVAP system or related components.
- **Professional Diagnosis:** If issues persist, it is advisable to seek diagnosis from a qualified automotive technician.

9. SPECIFICATIONS

Attribute	Detail
Manufacturer	Dorman Products
Part Number	911-775
Item Weight	1.02 pounds
Product Dimensions	13.03 x 12.6 x 6.5 inches
OEM Part Numbers	CP943; CPV10017; DG9Z9D289A; DG9Z9D289D; GG9Z9D289A
Position	Center

10. WHAT'S IN THE BOX

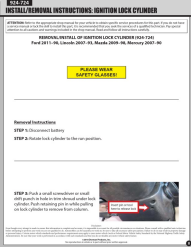

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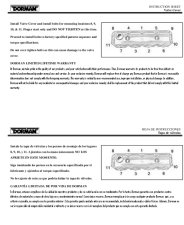

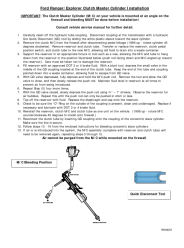
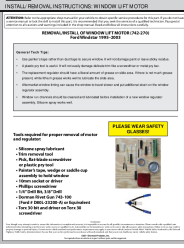
- 1 x Dorman 911-775 Vapor Canister Purge Valve

11. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Dorman Products website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Related Documents - 911-775

	<p>Dorman 924-724 Ignition Lock Cylinder Installation and Removal Instructions</p> <p>Step-by-step guide for the removal and installation of the Dorman 924-724 Ignition Lock Cylinder, compatible with select Ford, Lincoln, Mazda, and Mercury vehicles. Includes safety precautions and technical assistance information.</p>
	<p>Dorman 917-504 Exhaust Manifold Clamp Repair Kit Instructions</p> <p>Detailed instructions for installing the Dorman 917-504 exhaust manifold clamp repair kit. Includes safety guidelines, step-by-step procedures, and technical support contact information.</p>

	<p>Dorman Valve Cover Installation Instructions and Limited Lifetime Warranty</p> <p>Comprehensive guide for installing Dorman engine valve covers, including step-by-step instructions, bolt tightening procedures, and details on the Dorman Limited Lifetime Warranty for automotive applications.</p>
	<p>Dorman 924-732 Ignition Lock Cylinder Install/Removal Instructions</p> <p>Detailed installation and removal instructions for the Dorman 924-732 Ignition Lock Cylinder, compatible with various Ford, Lincoln, and Mercury models from 1996-2017. Includes parts list and step-by-step guidance.</p>
	<p>Ford Ranger/Explorer Clutch Master Cylinder Installation Guide</p> <p>Detailed installation and bleeding guide for the Dorman CM350037 Clutch Master Cylinder, compatible with Ford Ranger and Explorer models. This manual provides step-by-step instructions, important safety notes, and procedures for proper installation and fluid management.</p>
	<p>Dorman 742-270 Window Lift Motor Installation and Removal Instructions for Ford Windstar (1995-2003)</p> <p>Detailed guide for the removal and installation of the Dorman 742-270 window lift motor on Ford Windstar models from 1995 to 2003. Includes tools, tips, and step-by-step procedures.</p>