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› Dorman Fuel Vapor Connector Instruction Manual (Model 800392)

Dorman 800392

Dorman Fuel Vapor Connector Instruction Manual

MODEL: 800392

1. Introduction

This instruction manual provides essential information for the proper installation, function, and care of your Dorman Fuel Vapor Connector, Model 800392. Please read this manual thoroughly before attempting any installation or maintenance to ensure safety and optimal performance of the component.

2. Safety Information

WARNING: Automotive repair can be dangerous. Always exercise caution and follow proper safety procedures. Failure to do so may result in serious injury or damage to the vehicle.

- Always wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the vehicle is turned off, cooled down, and properly supported before beginning any work.
- Disconnect the vehicle's battery before working on electrical components.
- Fuel systems contain flammable liquids and vapors. Work in a well-ventilated area away from open flames or ignition sources.
- If you are unsure about any step, consult a qualified automotive technician.

3. Product Overview

The Dorman Fuel Vapor Connector (Part Number 800392) is a replacement component designed for automotive fuel systems. It facilitates the proper connection and sealing within the fuel vapor recovery system, which is crucial for emissions control and vehicle performance.





Figure 1: Main view of the Dorman Fuel Vapor Connector. This image shows the overall design of the connector, including its housing and electrical terminals.

Key features and specifications:

- **Part Number:** 800392
- **Package Dimensions:** 4.62 L x 1.87 H x 2.87 W (inches)
- **Package Weight:** 0.06 pounds
- **Country of Origin:** United States

4. Installation Instructions

This section provides general guidelines for installing the Dorman Fuel Vapor Connector. Specific procedures may vary depending on the vehicle make and model. Always refer to your vehicle's service manual for detailed instructions.

1. **Preparation:** Ensure the vehicle is safely parked, engine off and cool. Disconnect the negative terminal of the battery. Relieve any pressure in the fuel system as per vehicle manufacturer guidelines.
2. **Locate the Existing Connector:** Identify the fuel vapor connector that needs replacement. It is typically part of the evaporative emission control (EVAP) system.
3. **Disconnect Old Connector:** Carefully disconnect any electrical wiring and fuel vapor lines attached to the old connector. Use appropriate tools to avoid damaging surrounding components.
4. **Remove Old Connector:** Detach the old connector from its mounting point.
5. **Inspect New Connector:** Before installation, visually inspect the new Dorman 800392 connector for any damage or defects.



Figure 2: Close-up view of the electrical pins inside the Dorman Fuel Vapor Connector. This image highlights the internal contact points for electrical connection.

6. **Install New Connector:** Securely attach the new Dorman 800392 connector to its mounting location.
7. **Connect Lines and Wiring:** Reconnect the fuel vapor lines and electrical wiring to the new connector. Ensure all connections are tight and secure to prevent leaks or electrical issues.

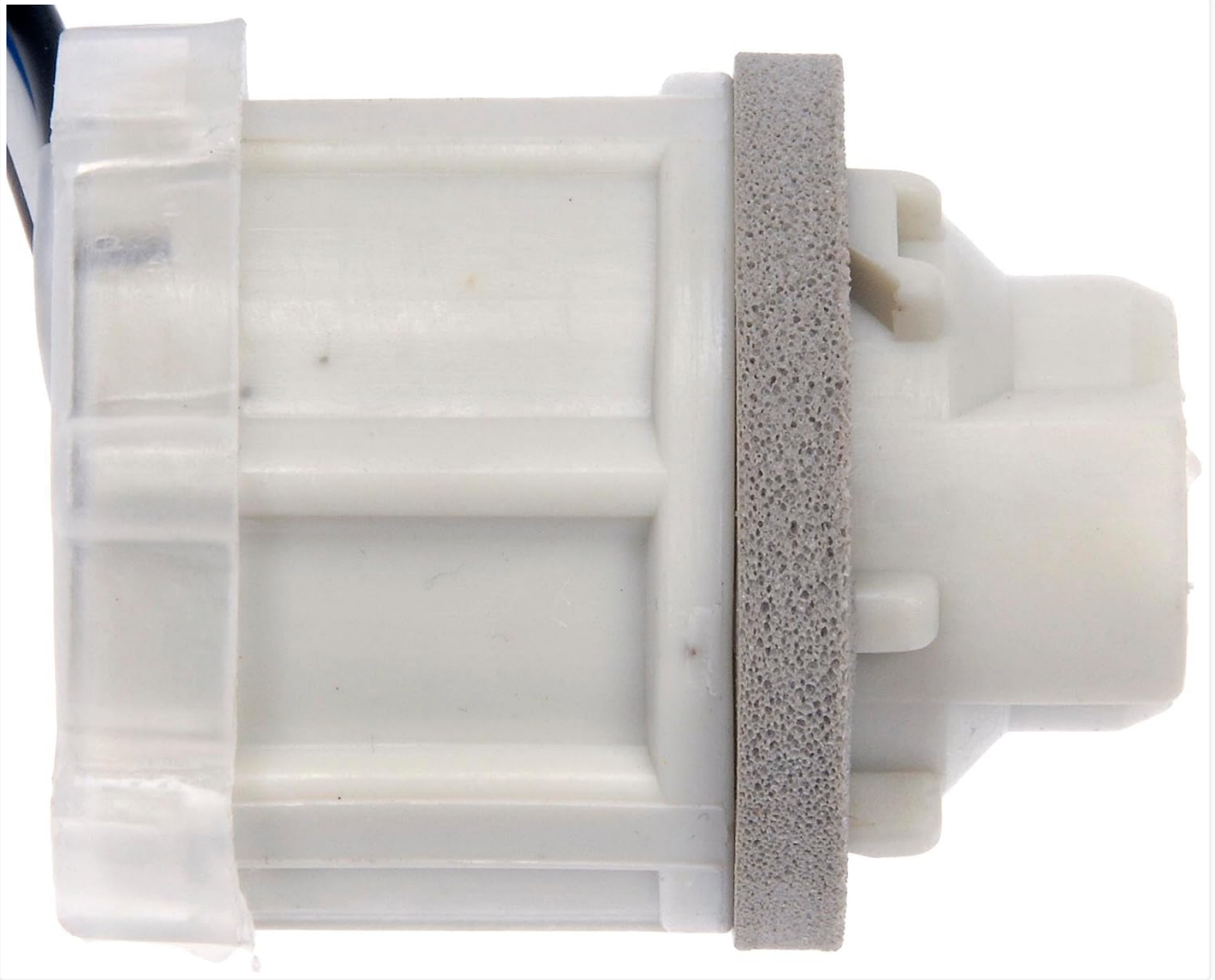


Figure 3: Side profile of the Dorman Fuel Vapor Connector. This view illustrates the connector's housing and the integrated sealing ring.

8. **Final Checks:** Double-check all connections. Reconnect the battery. Start the vehicle and check for any fuel leaks or error codes.

5. Function and Purpose

The Dorman Fuel Vapor Connector is an integral part of the vehicle's evaporative emission control (EVAP) system. Its primary function is to provide a reliable connection for the hoses and electrical components that manage fuel vapor. This system prevents harmful fuel vapors from escaping into the atmosphere, contributing to environmental protection and maintaining optimal engine performance by ensuring proper fuel-air mixture.

6. Care and Maintenance

As a passive component, the Dorman Fuel Vapor Connector requires minimal maintenance. However, periodic inspection can help ensure its longevity and proper function:

- **Visual Inspection:** During routine vehicle maintenance, visually inspect the connector and surrounding hoses for any signs of cracking, wear, or damage.
- **Connection Integrity:** Ensure all connections to the connector remain tight and free from leaks.
- **Cleaning:** If necessary, gently clean the exterior of the connector with a mild automotive-safe cleaner and a soft cloth. Avoid harsh chemicals that could damage the plastic or rubber components.

7. Troubleshooting Guide

If you experience issues related to your vehicle's fuel vapor system after installing this connector, consider the following:

- **Check Engine Light (CEL):** If the CEL illuminates with an EVAP system code, re-check all connections to ensure they are secure and properly sealed. A loose connection can cause vapor leaks.
- **Fuel Odor:** A persistent fuel odor could indicate a leak in the fuel vapor system. Inspect the connector and all connected hoses for any signs of fuel seepage or damage.
- **Rough Idling or Poor Performance:** While less common for a connector, a severe leak in the EVAP system can sometimes affect engine vacuum and performance. Ensure the connector is fully seated and sealed.

If troubleshooting steps do not resolve the issue, it is recommended to consult a professional automotive technician for diagnosis and repair.

8. Technical Specifications

Specification	Detail
Manufacturer	DORMAN
Brand	Dorman
Model	Dorman 800-392
Item Weight	0.96 ounces
Product Dimensions	4.62 x 2.87 x 1.87 inches
Item Model Number	800392
Exterior	Machined
Manufacturer Part Number	800392
ASIN	B07DXSQNZH

9. Warranty Information

For specific warranty details regarding the Dorman Fuel Vapor Connector (Model 800392), please refer to the warranty documentation included with your purchase or visit the official Dorman website. Warranty terms and conditions may vary.

10. Customer Support

If you have questions or require further assistance with your Dorman product, please contact Dorman customer support through their official channels. You can often find contact information on the product packaging or on the Dorman website. For general inquiries or to explore other Dorman products, you may visit the [Dorman Store on Amazon](#).

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Question

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