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> Dorman 674-9005 Diesel Particulate Filter (DPF) Gasket User Manual

Dorman 674-9005

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Model: 674-9005 | Brand: Dorman

1. INTRODUCTION

This manual provides essential information for the proper installation and maintenance of the Dorman 674-9005 Diesel Particulate Filter (DPF) Gasket. This gasket is designed as a direct replacement to ensure a tight seal for the DPF system in specified vehicles. Adherence to these instructions will help ensure reliable performance and a long service life for the component.

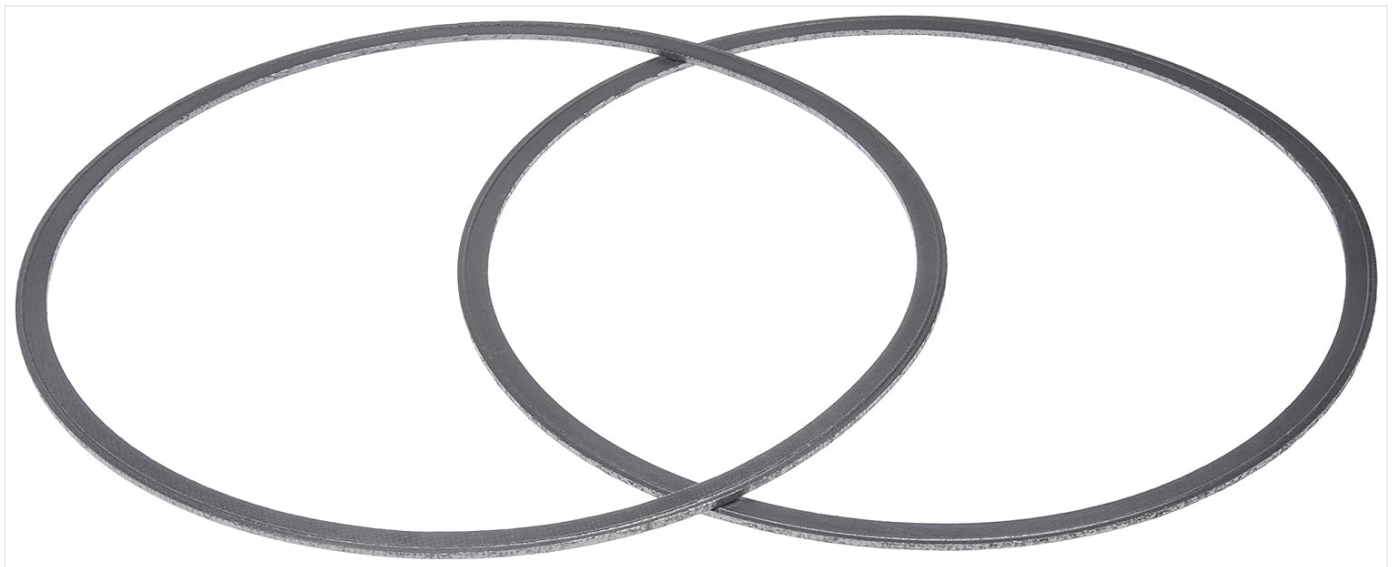


Image 1: Two Dorman 674-9005 DPF Gaskets. These round, metallic gaskets are crucial for sealing the Diesel Particulate Filter system.

2. SAFETY INFORMATION

Always prioritize safety when working on vehicles. Failure to follow safety precautions can result in injury or damage to the vehicle.

- Ensure the vehicle is turned off, cooled down, and properly supported on a level surface using jack stands before beginning any work.

- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection if necessary.
- Refer to the vehicle manufacturer's service manual for specific procedures and torque specifications related to DPF removal and installation.
- Be aware of hot exhaust components. Allow sufficient time for the exhaust system to cool before handling.
- Handle DPF components with care, as they can be heavy and contain ceramic materials.

3. PRODUCT OVERVIEW

3.1. What's in the Box

- 2 x Dorman 674-9005 DPF Gaskets

3.2. Key Features

- **Direct Replacement:** Engineered to match the original gasket for a precise fit and function.
- **Durable Construction:** Manufactured from quality materials for reliable performance and extended service life.
- **Tight Seal:** Designed to ensure an effective seal within the Diesel Particulate Filter system.
- **Vehicle Compatibility:** Compatible with select vehicle models (verify fitment using vehicle information).

4. INSTALLATION INSTRUCTIONS

The Dorman 674-9005 DPF Gasket is a direct replacement part. Installation typically involves removing the old gasket during DPF service or replacement and installing the new one. Always consult your vehicle's specific service manual for detailed steps and torque specifications.

4.1. Required Tools and Materials

- Socket/Wrench Set
- Torque Wrench
- Safety Glasses and Gloves
- Vehicle Jack and Jack Stands
- Wire Brush (for cleaning mating surfaces)
- Penetrating Oil (optional, for rusted fasteners)

4.2. General Installation Steps

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and allow the engine and exhaust system to cool completely. Lift the vehicle safely using a jack and secure it with jack stands.
2. **Locate DPF:** Identify the Diesel Particulate Filter in your vehicle's exhaust system.
3. **Remove Old Gasket:** If replacing an existing gasket, carefully unbolt the DPF connections where the gasket is located. Remove the old, worn, or damaged gasket.
4. **Clean Mating Surfaces:** Thoroughly clean the mating surfaces on both the DPF and the connecting exhaust pipe or component. Remove any old gasket material, rust, or carbon buildup using a wire brush or scraper. Ensure surfaces are smooth and free of debris to achieve a proper seal.
5. **Install New Gasket:** Position the new Dorman 674-9005 DPF Gasket onto one of the clean mating surfaces. Ensure it is correctly aligned with the bolt holes.
6. **Reassemble DPF Connections:** Carefully bring the DPF and the connecting component together, ensuring the gasket remains properly seated. Insert and hand-tighten the bolts.

7. **Torque Fasteners:** Using a torque wrench, tighten the bolts to the vehicle manufacturer's specified torque settings. Tighten in a crisscross pattern if multiple bolts are present to ensure even pressure.
8. **Inspect:** Visually inspect the installed gasket and connections to ensure everything is secure and properly aligned.
9. **Lower Vehicle:** Safely lower the vehicle from the jack stands.
10. **Test:** Start the engine and check for any exhaust leaks around the DPF gasket area.

5. OPERATING PRINCIPLES

The Dorman 674-9005 DPF Gasket functions as a critical sealing component within the Diesel Particulate Filter system. Its primary role is to prevent exhaust gas leaks from the connections of the DPF, ensuring that all exhaust gases pass through the filter for proper emissions control. A properly sealed DPF system is essential for the efficient operation of the DPF and the overall emissions system of the vehicle.

6. MAINTENANCE

DPF gaskets are generally maintenance-free components once installed correctly. However, periodic inspection can help identify potential issues before they become severe.

- **Visual Inspection:** During routine vehicle maintenance or oil changes, visually inspect the DPF gasket area for signs of exhaust leaks (soot buildup, discoloration) or physical damage to the gasket.
- **Listen for Leaks:** An audible "hissing" sound from the exhaust system, especially under acceleration, can indicate an exhaust leak at a gasket.
- **Address Issues Promptly:** If an exhaust leak is detected, it is recommended to address it promptly to maintain optimal DPF function and prevent further damage to the exhaust system or other components.

7. TROUBLESHOOTING

If you experience issues after installing the DPF gasket, consider the following troubleshooting steps:

Symptom	Possible Cause	Solution
Exhaust Leak (hissing sound, soot)	<ul style="list-style-type: none"> Improper gasket seating Damaged gasket during installation Mating surfaces not clean Bolts not torqued correctly 	<ul style="list-style-type: none"> Re-inspect gasket position and re-torque bolts. Replace gasket if damaged. Ensure mating surfaces are thoroughly cleaned before installation. Verify torque specifications and re-tighten.
Check Engine Light (related to DPF efficiency)	<ul style="list-style-type: none"> Significant exhaust leak affecting DPF sensor readings Other DPF system issues (not gasket related) 	<ul style="list-style-type: none"> Check for and repair any exhaust leaks. Consult a qualified mechanic for diagnosis of the DPF system.

8. SPECIFICATIONS

Attribute	Detail
Brand	Dorman

Attribute	Detail
Model Number	674-9005
UPC	885484654266
Item Weight	7.7 ounces
Product Dimensions	12 x 12 x 2 inches
Color	Multi
Shape	Round
Manufacturer Part Number	674-9005
OEM Part Number	562.U851190; 2871452

9. WARRANTY AND SUPPORT

For detailed warranty information regarding your Dorman 674-9005 DPF Gasket, please refer to the official warranty document provided by Dorman.

Warranty Document: [View Warranty \(PDF\)](#)

For further technical assistance or support, please contact Dorman customer service or visit their official website.



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