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# Piebert 21531 (Gasket), Compatible with Gastroback Design Espresso Advanced 42611, 42612/S, 42620, 42609S

## Piebert Steam Gasket Installation and Maintenance Manual

For Gastroback Design Espresso Advanced Models 42611, 42612/S, 42620, 42609S

### 1. INTRODUCTION

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This manual provides essential instructions for the proper installation, usage, and maintenance of your Piebert steam gaskets. These gaskets are critical components for maintaining the optimal performance and preventing leaks in compatible Gastroback Design Espresso Advanced espresso machines. Please read this manual thoroughly before proceeding with installation.

### 2. PRODUCT COMPATIBILITY

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The Piebert 21531 steam gaskets are designed for use with the following Gastroback Design Espresso Advanced models:

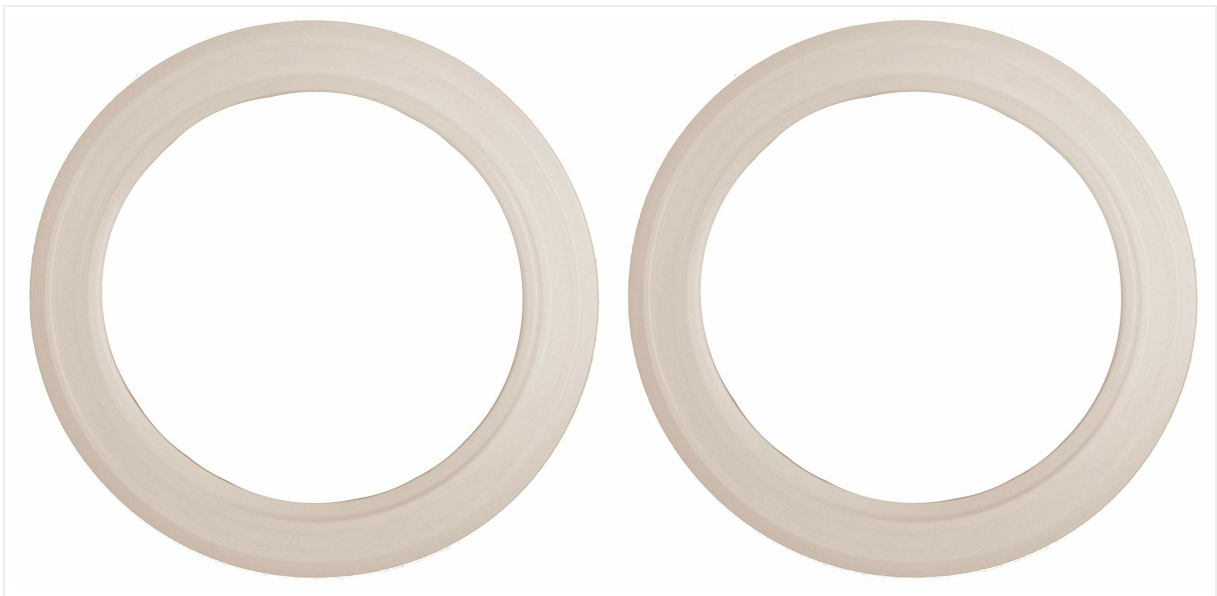
- Gastroback Design Espresso Advanced 42611
- Gastroback Design Espresso Advanced 42612/S
- Gastroback Design Espresso Advanced 42620
- Gastroback Design Espresso Advanced 42609S

Ensure your espresso machine model matches one of the listed compatible models before attempting installation.

### 3. PRODUCT OVERVIEW

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The Piebert steam gaskets (part number 21531) are replacement sealing rings essential for the proper function of your espresso machine's brewing group. They ensure a tight seal, preventing water and steam leaks during operation.



**Image 3.1:** Two Piebert steam gaskets. These gaskets are designed to create a secure seal within your espresso machine's brewing mechanism, preventing leaks and ensuring consistent pressure during coffee extraction.

## 4. INSTALLATION GUIDE

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### 4.1. Safety Precautions

- Always unplug the espresso machine from the power outlet before performing any maintenance or installation.
- Allow the machine to cool down completely to avoid burns from hot water or steam.
- Exercise caution when handling tools to prevent injury.

### 4.2. Tools Required (Recommended)

- Small flat-head screwdriver or a gasket pick tool (for removing old gasket)
- Clean cloth

### 4.3. Step-by-Step Installation

1. **Prepare the Machine:** Ensure the espresso machine is unplugged and completely cool.
2. **Remove Portafilter:** Detach the portafilter from the brewing group.
3. **Locate Old Gasket:** Identify the old gasket, typically located in the groove around the shower screen within the brewing group.
4. **Remove Old Gasket:** Carefully use a small flat-head screwdriver or a gasket pick tool to pry out the old gasket. Work slowly and gently to avoid scratching the metal parts of the brewing group. Dispose of the old gasket.
5. **Clean Brewing Group:** Thoroughly clean the gasket groove and the surrounding area with a clean, damp cloth to remove any coffee residue or debris. A clean surface is crucial for a proper seal.
6. **Insert New Gasket:** Take one new Piebert steam gasket. Position it into the clean groove.
7. **Seat Gasket Properly:** Press the gasket firmly and evenly into the groove with your fingers. Ensure it is fully seated and flush with the surrounding surface. It should not be twisted or bulging in any area.
8. **Reattach Portafilter:** Once the gasket is securely in place, reattach the portafilter. It should lock into place smoothly, possibly requiring slightly more force than before if the new gasket is thicker or firmer than the old one.

## 5. POST-INSTALLATION OPERATION CHECK

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After installing the new gasket, it is important to perform a test to ensure a proper seal and prevent leaks.

1. **Plug In and Power On:** Plug the espresso machine back into the power outlet and turn it on. Allow it to heat up to operating temperature.
2. **Perform a Test Brew:** Without any coffee in the portafilter, lock it into the brewing group. Initiate a short brewing cycle (e.g., for a single espresso shot).
3. **Observe for Leaks:** Carefully observe the area where the portafilter meets the brewing group. Look for any drips, sprays, or signs of water escaping from the sides.
4. **Troubleshoot if Leaks Occur:** If leaks are observed, immediately turn off and unplug the machine. Refer to the Troubleshooting section for guidance.

## 6. MAINTENANCE

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Regular maintenance of your espresso machine, including the steam gaskets, will prolong its lifespan and ensure consistent coffee quality.

- **Regular Cleaning:** Periodically remove the portafilter and wipe down the gasket and brewing group area with a damp cloth to remove coffee oils and residue.
- **Inspection:** Inspect the gasket regularly for signs of wear, cracking, hardening, or deformation. A worn gasket can lead to leaks and inconsistent pressure.
- **Replacement Frequency:** Gaskets are wear-and-tear parts. Their lifespan depends on usage frequency and cleaning habits. It is generally recommended to replace the brewing group gasket every 6 to 12 months, or sooner if you notice leaks or difficulty locking the portafilter.

## 7. TROUBLESHOOTING

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### 7.1. Gasket Does Not Seal / Leaks Occur

If water or steam leaks from around the portafilter during brewing, consider the following:

- **Improper Seating:** The gasket may not be fully or evenly seated in its groove. Turn off and unplug the machine, allow it to cool, then carefully remove and re-install the gasket, ensuring it is flush all around.
- **Residue in Groove:** Coffee grounds or old residue in the gasket groove can prevent a proper seal. Clean the groove thoroughly before re-installing the gasket.
- **Incorrect Gasket Type:** Verify that you are using the correct Piebert 21531 gasket for your specific Gastroback model. Refer to the "Product Compatibility" section.
- **Portafilter Issues:** Ensure your portafilter is clean and free of damage. A bent or damaged portafilter can prevent a proper seal.
- **Gasket Damage:** Inspect the new gasket for any manufacturing defects or damage that might have occurred during installation. If damaged, replace it with a new one.

If troubleshooting steps do not resolve the issue, contact the manufacturer or a qualified service technician.

## 8. SPECIFICATIONS

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Feature	Detail
Product Name	Piebert Steam Gasket
Part Number	21531

Feature	Detail
Outer Diameter	65.73 mm
Inner Diameter	48.30 mm
Compatible Models	Gastroback Design Espresso Advanced 42611, 42612/S, 42620, 42609S
Material	Colorless Silicone (based on customer feedback)
Package Weight	Approximately 30 grams (for 2 gaskets)

## 9. SUPPORT AND WARRANTY

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For technical support, specific warranty information, or further assistance with your Piebert steam gaskets, please refer to the official Piebert website or contact their customer service directly. Warranty terms and conditions may vary and are typically provided with the original product purchase.

*Note: This manual provides general guidance. Always prioritize safety and consult a professional if you are unsure about any installation or maintenance procedures.*