

## Grundfos 96455086

# Grundfos 96455086 Top Seal Kit Instruction Manual

Model: 96455086

## INTRODUCTION

This instruction manual provides essential information for the proper handling, installation, and maintenance of the Grundfos 96455086 Top Seal Kit. This kit is designed to ensure optimal sealing performance in compatible Grundfos pump systems. Please read this manual thoroughly before proceeding with any installation or maintenance procedures.

## SAFETY INFORMATION

- Always disconnect power to the pump before beginning any installation or maintenance work.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Ensure the work area is clean, dry, and well-lit.
- Refer to the specific pump's instruction manual for detailed disassembly and reassembly procedures.
- If you are unsure about any procedure, consult a qualified technician.

## PRODUCT OVERVIEW

The Grundfos 96455086 Top Seal Kit is a replacement component designed to restore or maintain the sealing integrity of specific Grundfos pump models. It typically includes the necessary seals and associated hardware for the top section of the pump where sealing is critical.



**Figure 1:** Components of the Grundfos 96455086 Top Seal Kit. This image displays the metallic seal components, including threaded sections and internal mechanisms, partially encased in a black protective sleeve or housing. The design indicates a precision-engineered part for fluid sealing applications.

## SETUP AND INSTALLATION

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Installation of the Grundfos 96455086 Top Seal Kit requires careful attention to detail. The following steps are general guidelines. Always refer to the specific pump's service manual for precise instructions.

1. **Preparation:** Ensure the pump is de-energized and depressurized. Drain any fluid from the pump system.
2. **Disassembly:** Carefully disassemble the pump section requiring the seal replacement, following the pump manufacturer's instructions. Note the orientation and position of all removed components.
3. **Old Seal Removal:** Remove the old seal components. Clean the sealing surfaces thoroughly, ensuring they are free from debris, corrosion, or old gasket material.
4. **New Seal Installation:** Install the new Grundfos 96455086 Top Seal Kit components. Ensure all parts are correctly seated and oriented according to the pump's service manual. Apply appropriate lubricants or sealants if specified by the pump manufacturer.
5. **Reassembly:** Reassemble the pump, ensuring all fasteners are tightened to the specified torque values.
6. **Testing:** After reassembly, slowly repressurize the system and check for leaks. Monitor the pump's operation for any unusual noises or performance issues.

## OPERATING CONSIDERATIONS

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The 96455086 Top Seal Kit is a static component within a pump system. Its proper function is integral to the overall operation of the pump. Once installed correctly, no specific "operation" of the seal kit itself is required. The pump should operate as designed, with the new seal kit preventing fluid leakage and maintaining system pressure.

## MAINTENANCE

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Regular inspection of the pump system is recommended to ensure the longevity and effectiveness of the seal kit. While the seal kit itself is a replacement part and not typically subject to routine maintenance beyond its initial installation, observing the following can help:

- **Leak Detection:** Periodically check for any signs of fluid leakage around the pump's sealing areas. Early detection of leaks can prevent further damage.
- **Environmental Factors:** Ensure the pump operates within its specified environmental conditions (temperature, humidity) to prevent premature wear of seals.
- **System Cleanliness:** Maintain the cleanliness of the fluid being pumped, as abrasive particles can accelerate seal wear.
- **Replacement:** Replace the seal kit immediately if any signs of wear, damage, or leakage are observed.

## TROUBLESHOOTING

If issues arise after installing the Grundfos 96455086 Top Seal Kit, consider the following:

- **Leakage After Installation:**
  - *Cause:* Improper installation, damaged seal during installation, or incorrect seal type.
  - *Solution:* Re-check installation steps, ensure sealing surfaces are clean, and verify the correct seal kit was used. Disassemble and reassemble carefully.
- **Reduced Pump Performance:**
  - *Cause:* While less common for a seal kit, severe leakage can lead to air ingress or loss of prime, affecting pump efficiency.
  - *Solution:* Address any leaks immediately. If performance issues persist after resolving leaks, investigate other pump components.
- **Unusual Noises:**
  - *Cause:* Incorrectly seated components or interference from the seal kit with moving parts (highly unlikely if installed correctly).
  - *Solution:* Stop the pump immediately and inspect the installation.

## SPECIFICATIONS

Attribute	Value
Brand	Grundfos
Model Number	96455086
Part Number	96455086
Item Weight	11.2 ounces
Product Dimensions	6 x 6 x 6 inches
Manufacturer	GRUNDFOS

## WARRANTY AND SUPPORT

For specific warranty information regarding the Grundfos 96455086 Top Seal Kit, please refer to the documentation provided with your purchase or contact Grundfos directly. Support for installation and troubleshooting should also be directed to Grundfos customer service or an authorized service center.

You can typically find contact information on the official Grundfos website or on the product packaging.



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Related Documents - 96455086

	<p><a href="#">Grundfos MI 301 : Guide d'installation et de fonctionnement</a></p> <p>Ce document fournit des instructions essentielles pour l'installation et le fonctionnement de l'interface mobile Grundfos MI 301. Il détaille les caractéristiques du produit, les options de connectivité via Bluetooth, radio et infrarouge, et propose des conseils de dépannage pour une intégration transparente avec les équipements Grundfos.</p>
	<p><a href="#">Grundfos CR, CRN 95 to 255 Service Parts Catalogue</a></p> <p>Comprehensive service parts catalogue for Grundfos CR and CRN pumps, models 95 to 255. Find detailed part numbers, exploded views, and recommended service kits for efficient maintenance and repair.</p>
	<p><a href="#">Grundfos MI 301: Installation and Operating Instructions</a></p> <p>This document provides installation and operating instructions for the Grundfos MI 301 mobile interface. Learn how to connect, control, and maintain Grundfos pumps remotely using the Grundfos GO Remote app.</p>
	<p><a href="#">Grundfos UPM3(K) AUTO Circulation Pump - Installation and Operation Instructions</a></p> <p>Comprehensive instructions for the Grundfos UPM3(K) AUTO high-efficiency circulation pump, covering installation, operation, technical specifications, and safety guidelines.</p>
	<p><a href="#">Grundfos UPM3 Auto L 15/70 Asennusohjeet – Käyttö ja Asetukset</a></p> <p>Asennusohjeet Grundfos UPM3 Auto L 15/70 -kiertovesipumpulle. Opi käyttämään, säätämään ja ymmärtämään pumpun eri tiloja, käyriä ja hälytyksiä. Sisältää tekniset tiedot ja kytKentäohjeet.</p>

Service Instructions  
MQ 3-35, MQ 3-45  
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[Grundfos MQ 3-35, MQ 3-45 Pump Service Instructions and Fault Finding Guide](#)

Comprehensive service instructions and fault finding guide for Grundfos MQ 3-35 and MQ 3-45 pumps, covering dismantling, assembly, part replacement, operation, and troubleshooting.