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Eheim AEH7433710

Eheim AEH7433710 Ceramic Axle Set Instruction Manual

FOR CLASSIC FILTER MODELS 2211 AND 2213

1. Introduction

This instruction manual provides essential information for the proper installation, handling, and maintenance of your Eheim AEH7433710 Ceramic Axle Set. This set is a genuine replacement part designed for Eheim Classic external filter models 2211 and 2213, ensuring optimal performance and longevity of your aquarium filtration system. Please read these instructions carefully before proceeding with installation.





Figure 1: Eheim AEH7433710 Axle Set in original packaging. The packaging displays the Eheim brand logo and product details, indicating it is a genuine replacement part for compatible Eheim filters.

2. Installation Guide

The ceramic axle is a critical component of your filter's impeller assembly. Proper installation is vital for the filter's quiet operation and efficient water flow. Always refer to your specific Eheim Classic filter's main instruction manual for detailed disassembly and reassembly procedures.

2.1. Tools Required

- Clean cloth
- Small container for removed parts (optional)

2.2. Step-by-Step Installation

1. **Preparation:** Disconnect the filter from the power supply and turn off any associated aquarium equipment. Close the inlet and outlet valves to prevent water leakage.

2. **Disassembly:** Carefully disconnect the hoses and remove the filter head from the filter canister. Place the filter head on a clean, stable surface.
3. **Access Impeller Chamber:** Open the impeller cover on the filter head. This usually involves unlatching or unscrewing a cap.
4. **Remove Old Components:** Gently remove the impeller. The old ceramic axle and rubber bushings (if present) should also be removed. Inspect the impeller for any damage or wear; replace if necessary.
5. **Install New Axe:** Insert the new ceramic axle into the center of the impeller. Ensure it sits securely.
6. **Install Bushings:** Place the new rubber bushings (included in the set) into their designated slots within the impeller chamber, typically at each end where the axle rests.
7. **Reassemble Impeller:** Carefully place the impeller with the new axle and bushings back into the impeller chamber. Ensure it rotates freely without obstruction.
8. **Close Filter Head:** Securely reattach the impeller cover. Reassemble the filter head onto the canister, ensuring all seals are correctly seated.
9. **Restart Filter:** Reconnect the hoses, open the inlet and outlet valves, and plug the filter back into the power supply. Prime the filter according to your filter model's instructions if necessary.





Figure 2: The Eheim AEH7433710 Axle Set components, including the ceramic shaft and two rubber bushings. These parts are crucial for the impeller's smooth rotation within the filter head.

3. Post-Installation Operation

After successful installation, your Eheim Classic filter should resume normal operation. Observe the filter for the first few hours to ensure proper function.

- **Water Flow:** Verify that water is flowing through the filter at the expected rate.
- **Noise Level:** Listen for any unusual noises, such as grinding or rattling, which could indicate improper seating of the impeller or axle.
- **Leakage:** Check all connections and seals for any signs of water leakage.

4. Care and Handling

The Eheim ceramic axle is durable in its intended use but is inherently fragile due to its material composition. Proper handling is crucial to prevent damage.

- **Gentle Handling:** Always handle the ceramic axle with care. Avoid dropping it or subjecting it to sudden impacts.
- **Cleaning:** When cleaning the impeller chamber, remove the axle and impeller gently. Clean them with a soft brush and rinse with clean water. Do not use harsh chemicals or abrasive materials.
- **Inspection:** Regularly inspect the ceramic axle for any signs of cracks, chips, or wear. A damaged axle can lead to increased noise, reduced filter performance, or complete filter failure.
- **Storage:** If storing a spare axle, keep it in its original protective packaging in a safe place to prevent

accidental damage.

5. Troubleshooting

If you encounter issues after replacing the ceramic axle, consult the following common troubleshooting steps:

5.1. Filter Not Starting or Making Unusual Noise

- **Possible Cause:** The ceramic axle or impeller is not seated correctly, or the axle is damaged.
- **Solution:** Disconnect power, disassemble the filter head, and carefully re-inspect the impeller and axle installation. Ensure the axle is fully inserted into the impeller and that both ends are properly seated in the rubber bushings. Check the axle for any visible cracks or breaks.

5.2. Reduced Water Flow

- **Possible Cause:** Obstruction in the impeller chamber, or the impeller is not rotating efficiently due to axle damage or wear.
- **Solution:** Disconnect power, clean the impeller and impeller chamber thoroughly. Verify that the ceramic axle is intact and not worn down, which could cause the impeller to wobble or drag.

6. Product Specifications

Feature	Detail
Brand	Eheim
Model Number (Axle Set)	AEH7433710
Compatible Filter Models	Eheim Classic 2211, 2213 (also compatible with 2048, 2448, 2313)
Material	Ceramic
Components Included	1x Ceramic Impeller Shaft, 2x Rubber Bushings
Item Weight	4.54 g (0.16 ounces)
Product Dimensions (approx.)	1 x 1 x 1 inches
UPC	720686741966
Manufacturer Part Number	207146

7. Warranty Information

Warranty coverage for Eheim replacement parts is typically provided by the manufacturer. Please retain your proof of purchase. For specific warranty terms and conditions, refer to the documentation included with your original Eheim filter unit or visit the official Eheim website.

Note: Damage resulting from improper handling, installation, or misuse is generally not covered under warranty.

8. Customer Support

For further assistance, technical support, or inquiries regarding your Eheim product, please contact Eheim directly through their official channels.

- **Official Eheim Website:** www.eheim.de
- Refer to the Eheim website for contact information, FAQs, and additional product resources.

Related Documents - AEH7433710

 EHEIM aquaclass Bedienungsanleitung Umfassende Bedienungsanleitung für die EHEIM aquaclass Aquarien-Kombination, einschließlich Einrichtung, Betrieb und Wartung. Erfahren Sie alles über Installation, Beleuchtung und Pflege.
 EHEIM LEDcontrol+ 4200140: Präzise Aquarienbeleuchtungssteuerung Entdecken Sie das EHEIM LEDcontrol+ (Modell 4200140), ein fortschrittliches Steuergerät zur individuellen Programmierung von Lichtfarbe und Helligkeit Ihrer Aquarienbeleuchtung. Ideal für EHEIM powerLED+ Leuchten.
 EHEIM ControlCenter & Interface User Manual - Optimize Your Aquarium Filter Detailed guide for EHEIM professionel 3e aquarium filters. Learn to install and use the EHEIM ControlCenter software and USB Interface for advanced control, programming, updates, and troubleshooting. Covers models 2074, 2076, 2078.
 EHEIM classicVARIO+e 250 (Typ 2214) - Bedienungsanleitung und Informationen Umfassende Bedienungsanleitung für den EHEIM classicVARIO+e 250 (Typ 2214) Außenfilter. Erfahren Sie mehr über Installation, Betrieb, Wartung und Sicherheit dieses leistungsstarken Aquariumfilters.



[EHEIM professionel 2222/2224 & 2322/2324 External Aquarium Filters - Operating Instructions](#)

Comprehensive operating instructions and technical information for EHEIM professionel external aquarium filters (models 2222, 2224) and thermofilters (models 2322, 2324). Includes safety guidelines, installation, operation, and maintenance procedures.



[EHEIM DIGITAL Quick Guide: Setup and Connection](#)

Concise guide for setting up and connecting EHEIM DIGITAL aquarium equipment, including Wi-Fi setup, QR code scanning, and essential product details.