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Oatey 31194

Oatey 31194 Toilet Wax Ring with Polypropylene Sleeve Instruction Manual

Model: 31194 | Brand: Oatey

INTRODUCTION

This manual provides detailed instructions for the proper installation and use of the Oatey 31194 Toilet Wax Ring with Polypropylene Sleeve. This product is designed to create a watertight and gas-tight seal between the toilet bowl and the waste line flange.



Image: Oatey 31194 Toilet Wax Ring with Polypropylene Sleeve packaging. The image displays the product packaging, highlighting its features and compatibility with 3" or 4" waste lines and all floor type closet bowls. It also mentions the polypropylene sleeve for a more positive seal and its leak-proof properties against vermin, odors, gases, and acids.

SPECIFICATIONS

- **Model:** 31194
- **Brand:** Oatey
- **Material:** 100% Pure Petroleum Wax
- **Waste Line Compatibility:** Fits 3" or 4" waste lines
- **Application:** Suitable for all floor type closet bowls
- **Seal Type:** Permanent, leak-proof seal

- **Protection:** Impervious to vermin, odors, gases, and acids
- **Special Feature:** Polyethylene sleeve extends discharge opening for enhanced seal and proper bowl alignment
- **Compliance:** Meets Military Spec. TT-P-1536A
- **Item Weight:** 4.8 ounces
- **Product Dimensions:** 4 x 4 x 2 inches

SETUP AND INSTALLATION

Proper installation of the Oatey 31194 wax ring is crucial for a leak-free toilet. Follow these steps carefully:

Required Tools and Materials:

- Oatey 31194 Toilet Wax Ring
- Adjustable wrench or pliers
- Hacksaw (if bolts need trimming)
- Shims (if floor is uneven)
- New toilet bolts and washers (if not reusing existing)

Installation Steps:

1. **Prepare the Area:** Ensure the floor around the toilet flange is clean and dry. Remove any old wax or debris from the flange.
2. **Dry Fit the Toilet:**

Perform a dry fit of the toilet bowl onto the flange to check if the floor is level. If the toilet rocks or is unstable, use shims to level it appropriately before proceeding with the wax ring installation. This ensures proper contact and seal.
3. **Remove Toilet:** Carefully lift and remove the toilet bowl from the flange after the dry fit.
4. **Position the Wax Ring:**

The Oatey 31194 wax ring can be placed in one of two ways:

 - **Option 1 (Preferred):** Place the wax ring directly onto the toilet's discharge opening. Press it firmly to ensure it adheres.
 - **Option 2:** Place the wax ring directly onto the toilet flange on the floor. Ensure it is centered over the waste opening.

The integrated polyethylene sleeve should extend into the waste opening, providing a more positive seal and aiding in proper bowl alignment.
5. **Set the Toilet:**

Carefully lower the toilet bowl straight down onto the wax ring and flange. Apply firm, even pressure. Give it a small twist to help compress the wax ring and create a seal. **Do not rock the toilet**, as this can break the seal. Ensure the toilet bolts align with the holes in the toilet base.
6. **Secure the Toilet:**

Install the washers and nuts onto the toilet bolts. Hand-tighten them initially, then use an adjustable wrench to tighten them evenly, alternating between bolts. Do not overtighten, as this can crack the toilet base. The toilet should be stable and not rock.
7. **Trim Bolts and Install Caps:**

If the toilet bolts are too long, use a hacksaw to cut them to a length that allows the toilet bolt caps to fit securely over them. Place the decorative caps over the bolts.
8. **Connect Water Supply:** Reconnect the water supply line to the toilet tank.

9. **Test for Leaks:** Turn on the water supply and allow the tank to fill. Flush the toilet several times and carefully inspect around the base for any signs of leaks.

Installation Video:



Video: "How to Install an Oatey Wax Ring". This video provides a visual guide to the installation process of an Oatey wax ring, demonstrating steps such as dry fitting, wax ring placement, setting the toilet, and securing the bolts. It shows both options for wax ring placement (on the toilet or on the flange).

OPERATING PRINCIPLES

The Oatey 31194 Toilet Wax Ring functions as a compression seal. When the toilet bowl is set onto the flange, the weight of the toilet compresses the wax, creating a watertight and gas-tight barrier. The integrated polypropylene sleeve extends into the waste pipe, guiding the waste flow and providing an additional layer of sealing integrity, ensuring proper alignment and a more positive seal.

MAINTENANCE

Once properly installed, the Oatey 31194 Toilet Wax Ring requires no ongoing maintenance. It is designed to provide a permanent, leak-proof seal. If a leak occurs at the base of the toilet, it indicates that the wax ring seal has been compromised and requires replacement. The wax ring itself is not reusable once compressed and removed.

TROUBLESHOOTING

- **Leak at Toilet Base:**

If water appears around the base of the toilet after flushing, the wax ring seal may be compromised. This can be due to improper installation, an uneven floor causing the toilet to rock, or the wax ring being dislodged. The solution is to remove the toilet, replace the wax ring with a new one, and re-install following the instructions carefully, ensuring the floor is level.

- **Toilet Rocks:**

If the toilet rocks after installation, the floor may be uneven, or the bolts may not be tightened evenly. Remove the toilet, check the floor for levelness, and use shims if necessary. Re-install the wax ring and toilet, ensuring bolts are tightened gradually and evenly.

- **Odor from Toilet Base:**

A persistent sewer gas odor around the toilet base indicates a broken or improperly sealed wax ring. This allows gases from the drain pipe to escape. The wax ring must be replaced to restore the seal.

WARRANTY AND SUPPORT

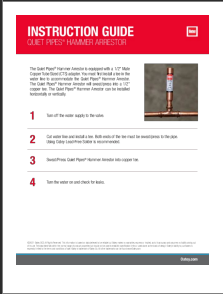


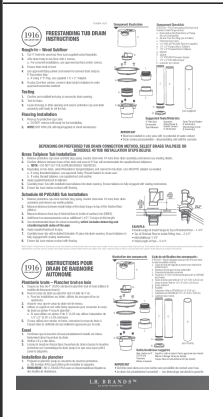
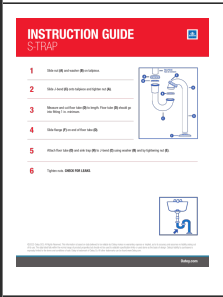
For specific warranty information regarding the Oatey 31194 Toilet Wax Ring, please refer to the product packaging or contact Oatey customer service directly. Oatey products are designed for durability and performance when installed correctly.

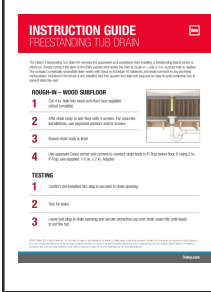
For technical assistance or further inquiries, please visit the official Oatey website or contact their customer support department. Contact information can typically be found on the product packaging or their website.

Manufacturer: Oatey

Website: www.oatey.com (This is a general link, specific support links may vary)

Related Documents - 31194

	<p>Oatey Quiet Pipes Hammer Arrestor Installation Guide</p> <p>Step-by-step instructions for installing the Oatey Quiet Pipes Hammer Arrestor, a 1/2" Male Copper Tube Sized (CTS) adapter designed to prevent water hammer in plumbing systems. Includes preparation, installation, and leak checking.</p>
	<p>Oatey Toilet Base Plate Installation Guide Step-by-Step Instructions</p> <p>Step-by-step instructions for installing the Oatey Toilet Base Plate. This guide covers preparation, installation, and final cleaning for a secure toilet fit.</p>
	<p>Plumber's Putty Instruction Guide Oatey</p> <p>Step-by-step instructions for using Oatey Plumber's Putty to install plumbing fixtures like bath wastes, shower drains, and strainers. Learn how to properly apply, secure, and clean up excess putty.</p>
	<p>Oatey 1916 Collection Freestanding Tub Drain Installation Instructions</p> <p>Comprehensive installation guide for the Oatey 1916 Collection Freestanding Tub Drain, covering rough-in, testing, flooring, and connection methods using brass tailpieces or Schedule 40 PVC/ABS pipe.</p>
	<p>Oatey S-Trap Installation Guide</p> <p>Step-by-step instructions for installing an Oatey S-Trap plumbing fixture, including component identification and assembly.</p>



[Oatey Freestanding Tub Drain Installation Guide](#)

Detailed instruction guide from Oatey for installing their Freestanding Tub Drain Kit. Covers rough-in, flooring, brass tailpiece, and Schedule 40 PVC/ABS installation methods, along with testing procedures.