

Sioux Chief 886-GA

Sioux Chief Closet Flange Push ABS4

Model: 886-GA

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Sioux Chief Closet Flange Push ABS4, Model 886-GA. Please read this manual thoroughly before installation and retain it for future reference.

The Sioux Chief 886-GA Closet Flange is designed for secure and reliable connection of a toilet to the drainage system, ensuring a watertight seal and stable mounting.

PRODUCT OVERVIEW

The Sioux Chief Closet Flange Push ABS4 (Model 886-GA) is a plumbing component primarily used in toilet installations. It features a black ABS plastic body with a red push-tite gasket, designed for a secure fit into a 4-inch drain pipe.



Figure 1: Sioux Chief Closet Flange Push ABS4, Model 886-GA. This image displays the black ABS plastic flange with multiple bolt holes around its perimeter and a red, ribbed push-tite gasket at its base, designed for a secure connection to a drain pipe.

Key Features:

- **Material:** Durable ABS plastic construction.
- **Seal:** Integrated red push-tite gasket for a reliable, watertight seal.
- **Compatibility:** Designed for 4-inch drain pipes.
- **Installation:** Push-in design for ease of installation.

SPECIFICATIONS

Attribute	Detail
Brand	Sioux Chief
Model Number	886-GA
Material	ABS Plastic (main body), Acrylonitrile Butadiene Styrene, Cast Iron, Copper (as listed for general product materials)
Color	Black and Red
Product Dimensions	6.5"L x 5.7"W
Item Weight	8.8 ounces (0.55 Pounds)
UPC	739236351999, 739236380944
Special Feature	Easy to Install

SETUP AND INSTALLATION

Proper installation of the closet flange is crucial for preventing leaks and ensuring the stability of the toilet. It is recommended to consult a qualified plumber if you are unsure about any steps.

Required Tools and Materials (Not Included):

- Tape Measure
- Pencil or Marker
- Drill (if securing to subfloor)
- Screws (if securing to subfloor)
- Toilet Bolts and Washers
- Wax Ring or Wax-Free Gasket
- Rag or Towel

Installation Steps:

1. **Prepare the Drain Pipe:** Ensure the 4-inch drain pipe is clean and free of debris. The top of the pipe should be flush with or slightly above the finished floor level.
2. **Position the Flange:** Place the Sioux Chief 886-GA flange over the drain pipe. The red push-tite gasket should be aligned with the inside of the pipe. Orient the flange so the toilet bolt slots are correctly positioned for your toilet's mounting holes.
3. **Push-in Installation:** Apply firm, even pressure to push the flange down into the drain pipe. The red gasket will compress to create a watertight seal. Ensure the flange is fully seated and level with the finished floor.
4. **Secure the Flange (Optional but Recommended):** If the subfloor allows, secure the flange to the floor using appropriate screws through the designated holes on the flange. This provides additional stability.
5. **Install Toilet Bolts:** Insert the toilet bolts into the slots on the flange, ensuring they are upright and ready to receive the toilet.
6. **Proceed with Toilet Installation:** Once the flange is securely installed, you can proceed with setting the wax ring or wax-free gasket and mounting the toilet according to the toilet manufacturer's instructions.

Important: Always ensure the flange is level and securely fastened to prevent rocking or leaks after toilet installation.

OPERATING PRINCIPLES

The Sioux Chief Closet Flange Push ABS4 (Model 886-GA) is a passive plumbing component. Its primary function is to provide a secure and sealed connection point between the toilet and the building's drainage system. The integrated push-tite gasket creates a watertight and gas-tight seal with the drain pipe, preventing leaks and sewer gas odors from escaping.

Once installed, the flange serves as the stable base for mounting the toilet, holding it firmly in place and directing waste into the drain pipe. It does not have active operational parts or controls.

MAINTENANCE

The Sioux Chief Closet Flange Push ABS4 is designed for long-term, maintenance-free operation once properly installed. However, general plumbing system maintenance can help ensure its longevity and

prevent issues.

General Recommendations:

- **Regular Inspection:** Periodically check the base of the toilet for any signs of leaks or rocking. Early detection can prevent significant water damage.
- **Avoid Harsh Chemicals:** Do not pour harsh chemical drain cleaners down the toilet, as these can potentially degrade plumbing components over time, including the flange material or its seal.
- **Proper Toilet Use:** Ensure only appropriate waste is flushed down the toilet to prevent clogs that could put undue stress on the plumbing system.
- **Professional Check-ups:** If you suspect any plumbing issues, consult a licensed plumber for inspection and repair.

TROUBLESHOOTING

While the closet flange itself is a simple component, issues related to its installation can manifest as problems with the toilet. Here are common issues and potential solutions:

Common Issues and Solutions:

- **Toilet Rocks or is Unstable:**
 - **Cause:** Flange not level, not securely fastened to the floor, or subfloor damage.
 - **Solution:** Remove toilet, inspect flange for levelness and secure attachment. Shim the toilet base if necessary, or re-secure the flange to the floor.
- **Water Leaks at Toilet Base:**
 - **Cause:** Damaged or improperly seated wax ring/gasket, or flange not properly sealed to the drain pipe.
 - **Solution:** Turn off water supply, remove toilet. Inspect and replace the wax ring/gasket. Verify the flange's push-tite gasket is fully seated and sealed within the drain pipe. If the flange itself is cracked or damaged, it must be replaced.
- **Sewer Gas Odor:**
 - **Cause:** Improperly sealed wax ring/gasket, or flange not creating a gas-tight seal with the drain pipe.
 - **Solution:** This often indicates a compromised seal. Follow steps for "Water Leaks at Toilet Base" to inspect and reseal the connection. Ensure the toilet is properly bolted down to compress the wax ring/gasket.

If troubleshooting steps do not resolve the issue, it is advisable to contact a professional plumber.

WARRANTY AND SUPPORT

For specific warranty information regarding the Sioux Chief Closet Flange Push ABS4 (Model 886-GA), please refer to the packaging or contact Sioux Chief directly. Warranty terms typically cover manufacturing defects.

Manufacturer Contact Information:

- **Brand:** Sioux Chief
- **Website:** www.siouxchief.com (Please visit the official website for the most current contact details and support resources.)

When contacting support, please have your product model number (886-GA) and purchase information readily available.

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