

## US Stove 6039, 6041, 6039HF, 6039I, 2000, 2500, 3000, 6041HF, 6041I, APCI1406, APC1406

# US Stove Wood Stove Door Glass Kit Installation and Maintenance Manual

For Models: 6039, 6041, 6039HF, 6039I, 2000, 2500, 3000, 6041HF, 6041I, APCI1406, APC1406

## 1. INTRODUCTION

This manual provides essential instructions for the safe and correct installation, operation, and maintenance of your US Stove Door Glass Kit. This kit is designed as a replacement for the specified US Stove wood stove models. Please read this manual thoroughly before proceeding with installation or use to ensure proper function and safety.

## 2. SAFETY INFORMATION

- Always ensure the wood stove is completely cool and all ashes are removed before attempting any maintenance or installation.
- Wear appropriate personal protective equipment, including heavy-duty gloves and eye protection, when handling glass to prevent cuts or injuries.
- Handle the glass with care. Even tempered glass can break if dropped or subjected to sharp impacts.
- Do not overtighten mounting screws, as this can cause stress fractures in the glass, leading to premature failure.
- Use only genuine replacement parts or parts specified by US Stove for your model.
- If you are unsure about any step, consult a qualified technician.

## 3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation. Your US Stove Door Glass Kit should include:

- One (1) Replacement Wood Stove Door Glass Panel
- One (1) Gasket Kit (includes gasket material and adhesive, if applicable)
- Installation Instructions (this manual)

## 4. SETUP AND INSTALLATION

Follow these steps carefully to replace the door glass in your US Stove wood stove.

### 4.1 Required Tools

- Screwdriver (appropriate type for your stove's door screws)
- Wire brush or scraper
- Utility knife or scissors
- Heavy-duty gloves
- Safety glasses

### 4.2 Glass Dimensions

Ensure the replacement glass matches the dimensions required for your stove model. The typical dimensions for this kit are approximately 14  $\frac{3}{8}$  inches (365 mm) wide, with heights of 7  $\frac{3}{4}$  inches (197 mm) at the sides and 8  $\frac{7}{8}$  inches (225 mm) at the center arch.

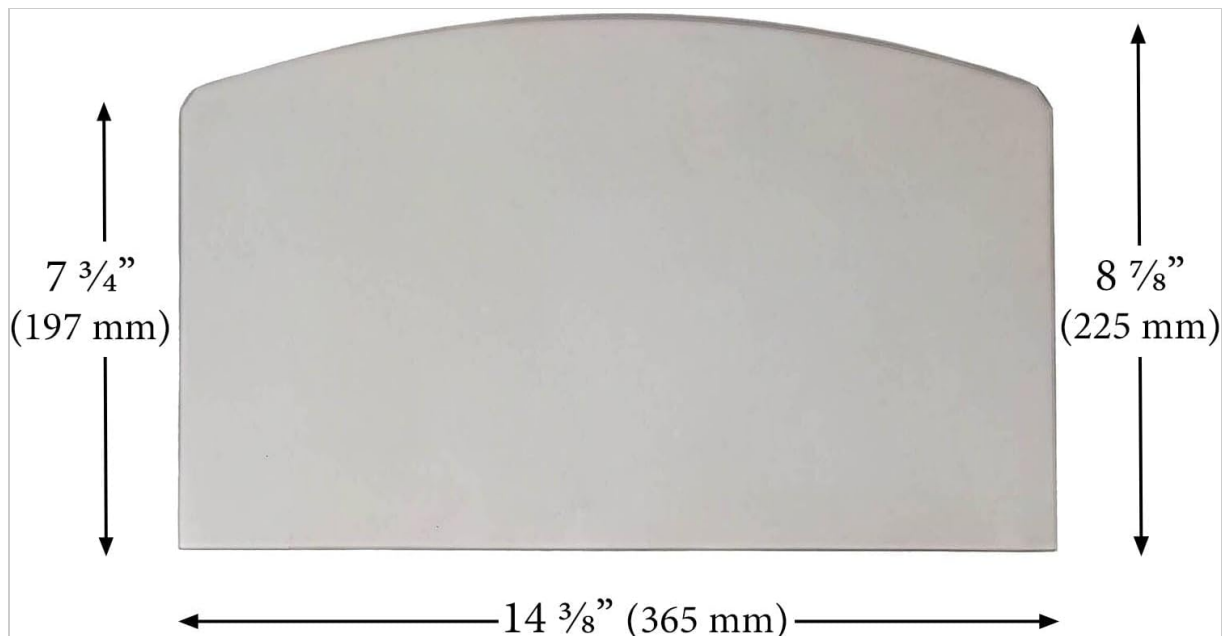


Figure 1: US Stove Door Glass Kit Dimensions

### 4.3 Installation Steps

1. **Prepare the Stove:** Ensure the stove is completely cool. Open the stove door and remove it from its hinges if necessary, placing it on a clean, flat, protected surface.
2. **Remove Old Glass:** Carefully remove the screws or clips holding the old glass in place. If the old glass is broken, remove all fragments, wearing gloves and eye protection.
3. **Clean the Frame:** Use a wire brush or scraper to thoroughly clean the glass channel in the stove door. Remove any old gasket material, adhesive, or debris to ensure a clean surface for the new gasket.
4. **Install New Gasket:** Apply the new gasket material around the perimeter of the glass channel. If adhesive is provided, apply it according to the instructions. Ensure the gasket forms a complete seal.
5. **Place New Glass:** Carefully place the new glass panel into the gasket-lined channel. Ensure it sits flush and is centered.
6. **Secure Glass:** Reinstall the screws or clips that hold the glass in place. **Important:** Tighten the screws only until they are snug. *Do not overtighten*, as excessive pressure can cause the glass to crack, especially during heating and cooling cycles. The gasket should be compressed enough to create a seal, but not so

much that it distorts or puts undue stress on the glass.

7. **Inspect:** Check that the glass is securely in place and the gasket forms a tight seal around the entire perimeter.
8. **Reinstall Door:** If removed, reattach the stove door to its hinges.

## 5. OPERATING WITH NEW GLASS

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After installing new door glass and gasket, it is recommended to perform a gradual break-in period for the new gasket material. This helps the gasket cure and form a lasting seal.

- For the first few fires, build small, moderate fires rather than very hot, intense fires.
- Allow the stove to cool completely between the first few uses.
- Monitor the glass and gasket for any signs of smoke leakage or improper sealing during operation.

## 6. MAINTENANCE

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### 6.1 Cleaning the Glass

To maintain clear viewing through your stove door glass, regular cleaning is recommended.

- Always clean the glass when the stove is completely cool.
- Use a specialized wood stove glass cleaner or a mixture of fine wood ash and damp paper towel.
- Apply the cleaner to the glass, let it sit for a few minutes if heavily soiled, then wipe clean with a dry cloth or paper towel.
- Avoid abrasive cleaners or tools that could scratch the glass surface.

### 6.2 Gasket Inspection

Periodically inspect the door gasket for wear, compression, or damage. A worn gasket can lead to air leaks, reducing stove efficiency and potentially allowing smoke into the room. Replace the gasket if it appears flattened, frayed, or no longer provides a tight seal.

## 7. TROUBLESHOOTING

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- **Glass Cracks Shortly After Installation:** This is often caused by overtightening the mounting screws, which puts stress on the glass. Ensure screws are only snug, allowing for thermal expansion. Thermal shock from cold objects touching hot glass can also cause cracking.
- **Smoke Leaks Around Door:** This indicates a poor seal. Check the gasket for proper installation and condition. Ensure the door latches securely and compresses the gasket evenly.
- **Glass Fogs or Stains Quickly:** This can be due to burning unseasoned wood, operating the stove at too low a temperature, or insufficient air wash (if your stove has this feature). Ensure you are burning dry, seasoned wood and operating the stove at optimal temperatures.

## 8. SPECIFICATIONS

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Brand Name	US Stove
Item Weight	Approximately 0.01 ounces (glass kit weight may vary)
ASIN	B07ND1YXVT

<b>Date First Available</b>	February 4, 2019
<b>Compatible Models</b>	6039, 6041, 6039HF, 6039I, 2000, 2500, 3000, 6041HF, 6041I, APCI1406, APC1406

## 9. WARRANTY INFORMATION

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This US Stove Door Glass Kit is subject to the manufacturer's standard warranty terms. Please refer to the original product packaging or the official US Stove website for detailed warranty coverage, limitations, and claim procedures. Keep your proof of purchase for warranty purposes.

## 10. SUPPORT INFORMATION

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For technical assistance, replacement parts, or further inquiries regarding your US Stove product, please contact US Stove customer support directly. Contact information can typically be found on the manufacturer's website or in the original stove manual.

**Website:** [www.usstove.com](http://www.usstove.com) *(Note: This is a general placeholder; please verify the actual support website.)*