

## 19. ROUTINE MAINTENANCE

materials when replacing the front glass and frame assembly.

Use only the correct Woodstock Soapstone Company part #G-140E Robax Ceramic Glass/Frame Assembly.

If the ceramic front glass becomes cracked or damaged, follow the instructions below to remove the frame and damaged glass

### INSTRUCTIONS TO REMOVE OR REPLACE GLASS FRONT:

The glass front on the Franklin Gas Stove consists of a fully gasketed piece of ceramic glass, fastened with refractory adhesive to a steel frame. To replace the glass front and frame:

- (1) Remove the front casting. Lift up the front casting, and swing the bottom out. (See illustration 19.2.)
- (2) Pull and twist 2 spring-loaded clips to release pressure on glass frame. (See illustration 19.3.)
- (3) Lift frame and glass out of Glass Window Retainer.
- (4) Insert new or replacement frame and glass into Glass Window retainer. The Glass Frame will line up with the edge of the Firebox Frame. Keep the edges properly aligned to achieve the best seal.
- (5) Pull and twist 2 spring-loaded clips to clamp glass frame in place. This will compress the gasketing all the way around the glass, making a tight seal between the glass front and the firebox.
- (6) Replace front casting. Slide top tab up under the top frame, and then swing the bottom in behind the arched retaining rail.

### CLEANING THE INSIDE OF THE FIREBOX

The firebox should be cleaned annually. Follow these steps:

1. Turn off gas supply.
2. Remove glass front (See illustration 19.2.).
3. The logset and ceramic tile are extremely fragile and must be handled with care. A soft bristle brush may be used delicately to remove any dust or lint or loose black carbon deposits which may accumulate. Do not use a vacuum on the logset or tile. Remove both, then use a vacuum to clean the burner pan. (See illustration 19.4.)
4. Vacuum the inside of the firebox thoroughly.
5. Check that all gas ports are clear.
6. If glass needs cleaning, use regular glass cleaner or, for stubborn film, oven cleaner. Do not use abrasive cleaners. Never clean the glass when the glass is hot.
7. Replace log set and glass.

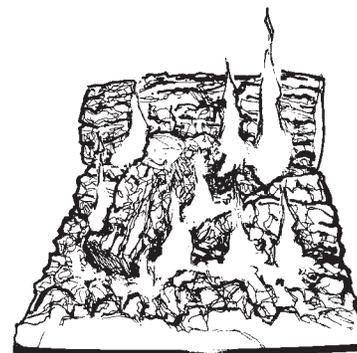


Illustration 19.1 When the burner is clean and the Fireplace is operating properly, the flame pattern will look approximately like the drawing above.

**20. ANNUAL INSPECTION**

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The Cottage Franklin Gas Stove and venting system should be inspected before use, *and at least annually by a qualified field service person* to ensure that the flow of combustion and ventilation air is not obstructed, the venting components are in good condition, and that the appliance is working properly.

The technician should inspect and ensure that the lighting of the main burner occurs within 4 seconds of the main gas valve opening. Visual inspection should match that outlined in Illustration 20.1.

The technician should also check all gas tubes, connections, pipes and other components for leaks.

**Annual Burner and Pilot Inspection and Cleaning**

A qualified service technician should clean the burner and pilot annually. In order to properly clean the burner and pilot assembly, you will have to turn off the gas supply to the appliance, and remove the front casting, the glass front, the log set and ceramic tile to expose the burner and pilot assembly.

Clean all foreign materials from the top of the burner and from the pilot assembly with a soft brush or vacuum cleaner. Remove any dust or lint. Check to be sure the burner and burner orifice are clean. If the pilot orifice becomes plugged, disassembly may be required.

The technician should check to be sure that the flame safety system works, and that the safety shutoff occurs within 30 seconds of flame failure.

**Annual Vent System Inspection**

During the annual servicing, a qualified technician should inspect the vent pipe to be sure that both the inside exhaust channel and the outside air intake channel are clean and free of obstructions. All parts should be checked for wear, corrosion, or deterioration. At the end of inspection the venting components should be reassembled and re-sealed according to the Simpson Dura-Vent instructions.

**Annual Pressure Relief Lid Inspection**

Visually inspect that the pressure relief lid located over the firebox. Physically lift upward on the pressure relief lid found at the top of the firebox to insure that it can move freely. Make sure it reseats properly when you release it.

**Annual Glass Cleaning**

Clean the glass window with a suitable fireplace glass cleaner. Abrasive cleaners must not be used. Be careful not to scratch the glass when cleaning.

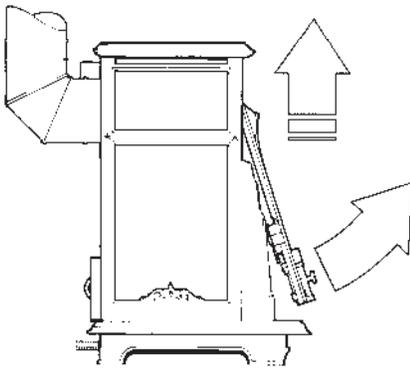


Illustration 19.2 To remove the front casting, lift straight up under the lip that extends over the top of the glass. This assembly includes the swinging door.

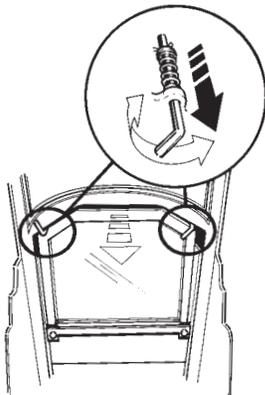


Illustration 19.3 The glass front is held in place by two spring-loaded clips. To release the clips, pull and twist.

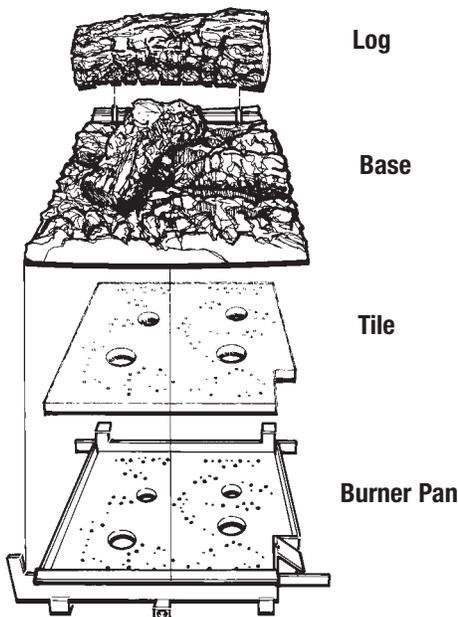


Illustration 19.4 . Ceramic tile and Logset are fragile. Please handle with care while installing and cleaning.