



Technical Data Sheet

Instructions to Replace the Phoenix Front Door

2610-040 Matte Black Door (Specify color for enamel)
96-85120 Support Kit (Also required for Phoenix with serial number
below 11697)*

Date: 6/21/2005

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MATERIALS REQUIRED:

Replacement Door

- (1) 2610-040*: Phoenix Front Door
- (1) 96-85210 Replacement Door Support Kit:
 - (1) 5600-025: Shaft and Latch
 - (1) 5010-080: Chrome Crank
 - (1) 5240-140: Wave Washer
 - (2) 4500-2975: 5/16" x 1/4" Set Screws
 - (9) 4700-0790: Brass Latch Spacer Rings
 - (1) 5600-030: Latch Keeper
 - (2) 5600-020: Front Door Hinges
 - (1) 3030-020: Phoenix Glass
 - (5.5) 3160-080: 3/4" Gasket Tape
 - (3) 5600-029J: Glass Clips
 - (1) 5600-029K: Glass Clip
 - (6) 4500-3435: 8-32 x 3/8" Type F Pan Head Screws (Glass Clips)
 - (2) 4500-3420: 8-32 x 3/8" Flat Head Screws (Glass Clips)
 - (2) 4500-1910: 10-24 x 1/2" Flat Head Screws (Door Keeper)
 - (4) 4200-0200: 1/4"-20 Nuts (Hinges)
 - (6) 4600-0400: 1/4" Lock Washers (Hinges)
 - (5') 3110-059: 3/8" Medium Density Rope Gasket

TOOLS REQUIRED:

- 7/16" Open End Wrench
- Phillips Screwdriver

NOTE: Due to modifications that improve the fit of the door and changes to the hinges, it is necessary to have the complete kit #96-85210 described above to insure the fit and function of the replacement door if your stove has a serial number below 11697. If your stove has a serial number higher than 11697, only the door will be needed as a replacement piece.

BEFORE YOU BEGIN: Work on a cold stove.

*Order enameled doors by number:

2620-040 Brown	2630-040 Almond
2650-040 Black	2659-040 Blue-Black
2661-040 Seafoam	2666-040 Navy
2680-040 Green	

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PROCEDURE:

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- 1) Open the door and lift it straight up and off the stove. Lay it down on a workbench, table or another flat surface. Protect an enameled door with cardboard or similar material. If you are replacing the door as a completed assembly, skip to step 5.
- 2) To remove the glass, locate and remove the 8 retention screws on the inside of the door with a phillips screwdriver, retaining the screws for reassembly. Place the glass onto the new door, making sure the IR coated side faces the outside of the door¹ (replace the 3/4" tape gasket if necessary). Secure it by screwing the retainers and screws back into the new door.
- 3) If the 3/8" rope gasket has not been installed into the new door, do this now. Before fitting the rope into the gasket channel, apply a thin bead of gasket glue into the channel. Peel the paper backing off the gasket, a little at a time, and fit it into the glued channel without stretching or bunching the gasket material.
- 4) If the latch is not installed, install the new latch onto the door by following the instructions that come with the latch.
- 5) Remove the existing door latch keeper (see figure 1) on the face of the stove by turning out the two phillips screws. Position the new door latch keeper onto the front of the stove and secure it returning and tightening the two screws (supplied in 96-85210).
- 6) Using the 7/16" wrench, remove and discard the existing hinges, washers, and nuts. The four nuts retaining the hinges are located just inside the firebox.
- 7) Insert one of the new hinges into the top position on the front of the stove. Place one lock washer and one nut on the threads of the hinge inside the stove and tighten with the wrench.
- 8) Before inserting the other hinge in the bottom position, place a lock washer on each of the threaded studs so that these two washers will be between the hinge and the outside face of the stove. Insert the bottom hinge and place one lock washer and one nut on the threads of the hinge inside the stove and tighten with the wrench.
- 9) Place the assembled door onto the hinges and close the door.



Figure 1 Latch keeper

¹ See Technical Bulletin #77 "Infrared Reflective Glass on HearthStone Woodstoves"