

Part#205-MK: Fireview 205 Maintenance Kit

Rev. Date 6/29/2021

Parts Needed:

- (4') .375" Graphite gasket (loading door)
- (3') .500" Graphite gasket (bypass frame)
- (3') .250" Gasket (Under combustor)
- (8') Adhesive window gasket (surrounding glass)
- (7') Each .500" graphite gasket (top lid [post-10/05], .375" MX [pre-10/05])
- (7') .250" Gasket (air duct cover)
- (1) Furnace cement
- (2) Heat safe gasket glue
- (1) #00 Steel wool



Tools Needed:

- 1/2" Wrench or socket
- 1/8" Allen wrench
- Putty knife
- Flathead screwdriver
- Wire brush
- Vacuum
- WD-40 or similar penetrating liquid
- Standard sized caulking gun
- Scissors
- Needle nose pliers

Please read all of the instructions before you begin the procedure. Confirm that you have all the necessary tools and parts required. If you have any questions, technical support is available toll free at 1-800-866-4344, Monday- Saturday 9:00-5:00 ET.

The gasket in your kit has been roughly cut to size and marked with its diameter and length. Gasket glue or furnace cement will be applied to secure each length in its proper place. The steel wool provided can be used to buff out surface scratches or stains in the soapstone panels. Use a vacuum to help contain the dust. High temperature touch up paint is available to match the cast iron frame of your stove, and can be ordered through Woodstock Soapstone Co.



Woodstock
Soapstone
Company, Inc.

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Web: www.woodstove.com

Replacing the Door Gasket

1. Make sure the stove is cool. You will need 4' of .375" LD graphite gasket and gasket glue.
2. Open the loading door. Pull straight up on the door. The hinge pins should slide up and out of the hinges in the doorframe. It may be helpful to swing the door back and forth as you lift.



3. Lay the door face down on a suitable work surface. Use a putty knife or flat-head screwdriver to remove the old gasket. A wire brush can be used to clean out glue and old gasket residue from the gasket channel. Vacuum any leftover debris from the door and gasket channel.



4. Apply a 3/16" bead of glue around the prepared channel.

5. Start at the bottom center of the door with one end of the gasket and press it into the channel. Push gasket back slightly as you round the corners to ensure full coverage. Use a putty knife to tuck the gasket in place if necessary. Do not stretch or compress the gasket as you work it around the door. Use sharp scissors to cut the gasket to the proper length and tuck end in.



6. Return the door to the stove. Align the hinge pins with the hinges on the doorframe. As you press down on the pins it may be helpful to swing the door back and forth until it is all the way down on the hinges. Apply lubricant if needed.



7. Close and open the door firmly several times to seat the gasket. If necessary, adjust the set screw on the door latch for the proper tension. Use a 7/16" wrench to loosen the lock nut and a 1/8" Allen wrench to turn the set screw.



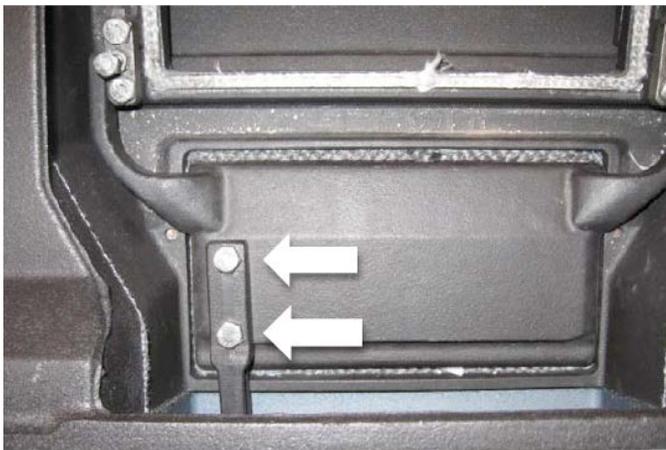
8. Allow the heat safe gasket glue to cure for at least 30 minutes before using the stove.

Replacing the Bypass Frame Gasket

1. Make sure the stove is cool. You will need 3' of .500" graphite gasket and gasket glue.
2. Open and remove the top lid of the stove. It will also be helpful to remove the catalytic combustor.



3. Use a 1/2" wrench or socket to remove the bolts that secure the bypass lift guide to the top of the W-253 bypass cover. Spray with penetrating liquid if necessary.
4. Move the bypass lift guide to the side and open the bypass cover as wide as possible to access the gasket beneath it.



5. With the bypass cover fully open, use a putty knife or flat-head screwdriver to remove the old gasket from the bypass frame. Use a wire brush and vacuum to remove any residual gasket and glue from the gasket channel.

6. Apply a 3/16" bead of gasket glue into the gasket channel. Start gasket in a corner, pushing both back and down on the gasket. This will cause the gasket to bunch on itself.

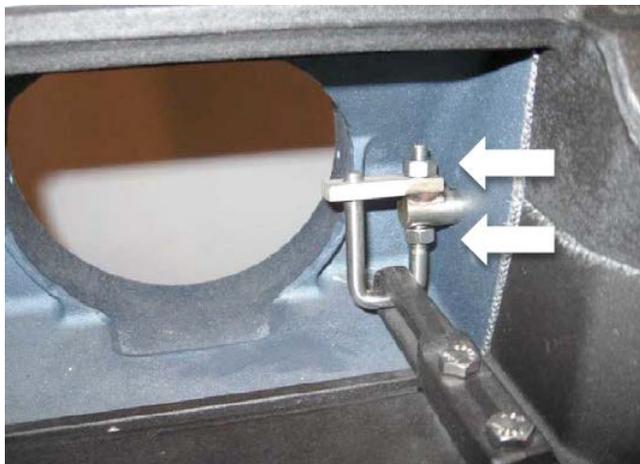


7. Close the bypass cover and reattach the bypass lift guide.

8. It may be necessary to adjust the tension on the bypass cover. Slide a small piece of paper under the bypass cover, close it, and pull the paper out. The bypass actuator should be fully engaged, pointing up, and there should be resistance on the paper.

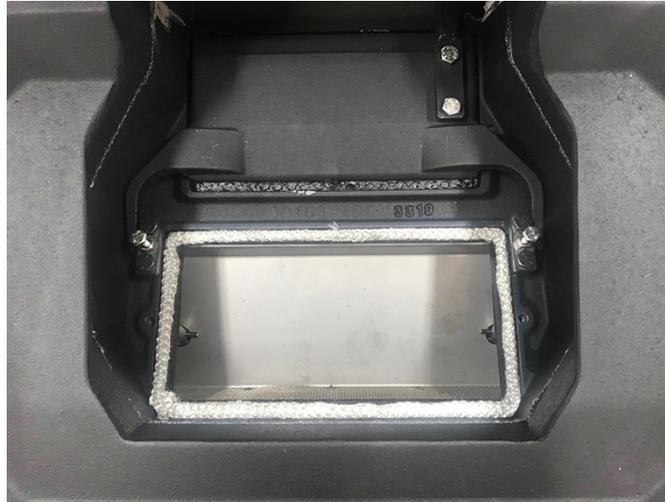
- a. To increase pressure on the bypass cover, loosen the top nut counter clockwise on the U-bolt, turn the bottom nut counter clockwise.
- b. To decrease pressure on the bypass cover, turn the bottom nut clockwise, the same to the top nut. Make small adjustments until the proper seal is reached.

9. Return combustor and top lid to the stove.



Replacing the Combustor Gasket

1. Make sure the stove is cool. You will need 3' of .250" gasket and gasket glue.
2. Open and remove the top lid to access the catalytic combustor area of the stove. Remove the combustor from the stove. A 1/2" wrench or socket may be necessary to remove the retaining bolts.



Catalyst opening/gasket channel showing stainless scoop and screen below

3. Use a putty knife or flat-head screwdriver to remove the old gasket from the area directly under the combustor. Remove any residual gasket and glue with a wire brush and vacuum.
4. Apply a 3/16" bead of gasket glue into the gasket channel.
5. Start in any corner and press gasket into the channel. Push back slightly on the gasket as you round the corners to ensure full coverage. Use sharp scissors to cut the proper length.
6. Return the combustor to the stove. Finger-tighten retaining bolts if using a stainless steel catalytic combustor.

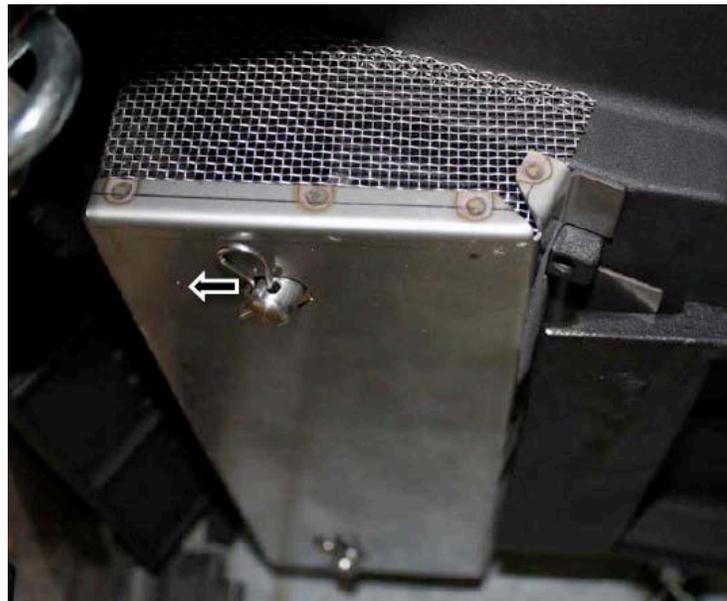
Replacing the Window Gasket

1. Make sure the stove is cool. You will need 8' of adhesive window gasket (4' for each glass panel).
2. Remove the combustor scoop.
 - a. Cast iron combustor scoop and expanded metal: use a 1/2" socket to remove the single bolt from the support closest to the loading door. Pull the scoop toward the

loading door and forward to release it. **Use caution, as the expanded metal is extremely sharp.**

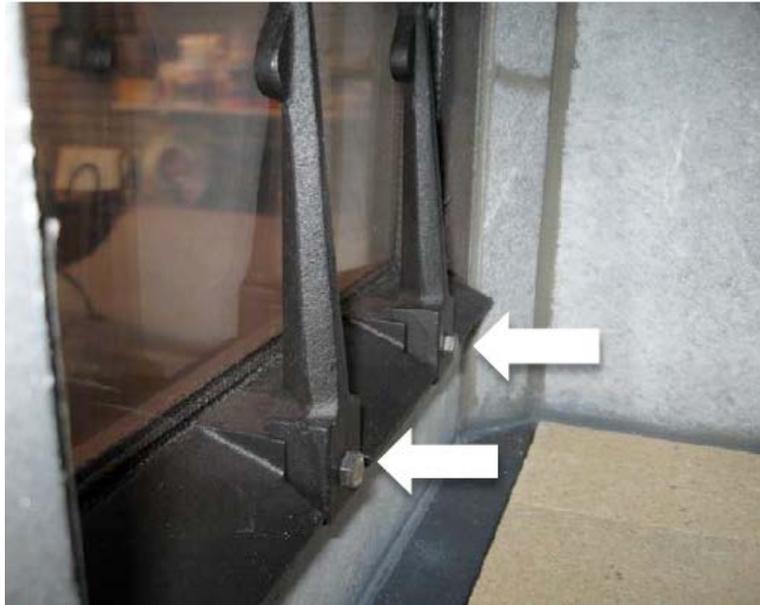


- b. Stainless steel scoop and screen: With needle nose pliers, pull the cotter pins from under the scoop and tip the scoop down and off the steel posts.



- c. Use a 1/2" socket or wrench to remove the andirons and glass retainer from inside the firebox. In extreme cases, the anvil bolt heads may have rounded over, or burned off. If this is the case, you will need to grind (or cut) off what remains of the bolt heads. This will allow you to pull off the andirons and retainer and expose

the shank of the bolts. Continue with penetrant where the threads enter the front casting and remove with vise grips.

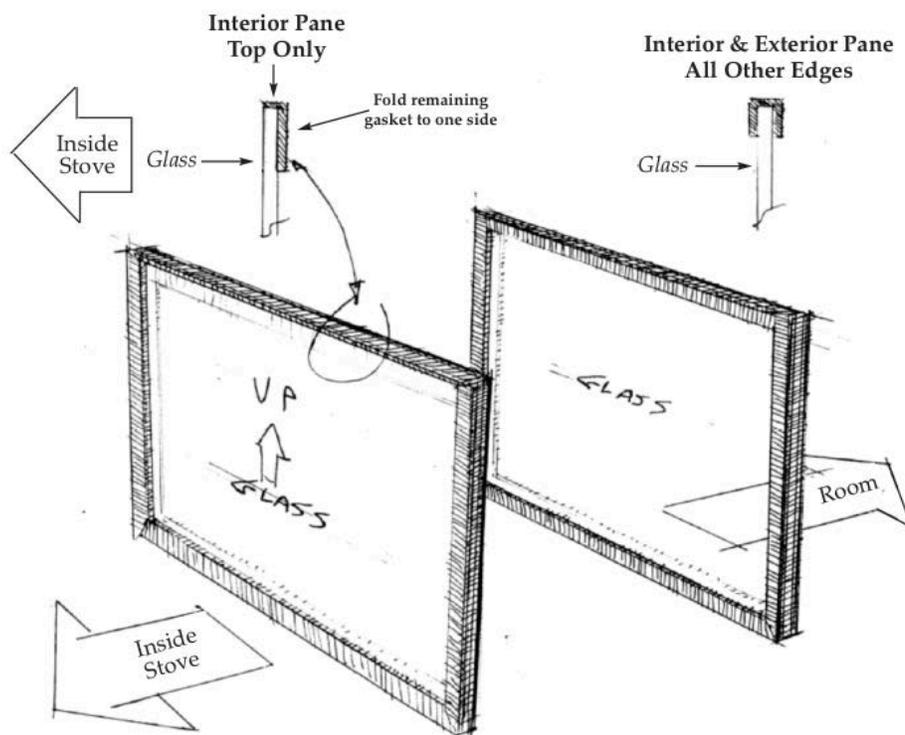


3. Remove the two window clips, located halfway up the glass sides, using a 7/16" socket or wrench.



4. Remove the two glass panels from the front frame. Start with the bottom edge and carefully pull them into the firebox and out through the loading door.

5. Remove the old gasket from the glass panels and clean the glass using household window cleaner or water/vinegar and a soft cloth. (If a more aggressive cleaning is needed you may use a cleaner made for ceramic cook tops, or very fine steel wool). Rinse and dry thoroughly.
6. Place a piece of cardboard or some form of protection on top of a workbench. Apply the gasket to the exterior glass first. The gasket should be folded evenly around all four edges of the glass. Start at one of the shorter sides and work all the way around the glass panel.
7. On the interior glass start at one of the shorter sides and fold the gasket evenly around three sides only. Cut the gasket. Do not fold the last piece of gasket evenly over the top edge of the glass. Apply the adhesive strip to the top edge of the glass and lay the remainder flat onto the face of the glass. The opposite face should be free of gasket to accommodate the air wash.



8. Place the panels together noting that the partially gasketed edge will face up with the gasket wrapped to the inside, between the two panels.
9. Slide the two panels up into the window frame together ensuring that they are aligned with each other.
10. Fasten the panels in position with the two window clips using a 7/16" socket or wrench. Make sure to angle the clips so they are hidden from view before tightening completely.
11. Install the glass retainer and andirons.
12. Confirm there is a 1/4" space between the interior glass panel and the air chute. (A 1/4" drill bit is helpful to check the gap). The air chute is an angled piece of cast iron or steel with 10

holes located at the top front of the firebox. If needed, adjust the air chute by loosening the two bolts with a 7/16" socket, and slide the air chute back until the 1/4" gap is achieved and retighten the bolts.

13. Replace the combustor scoop.

NOTE: There is no "cure time" to abide by, however the adhesive on the window gasket may emit a strong odor for the first 4-8 hours of high temperature use.

Replacing the Top Lid Gasket

1. Make sure the stove is cool. You will need 7' of .500" graphite (post 10/2005 model) or 7' of .375" MX gasket (pre 10/2005 model)
2. Remove the top lid from the stove and place it upside down on a suitable work surface.



3. Use a putty knife or flat-head screwdriver to remove the old gasket. Remove any residual gasket and glue with a wire brush and vacuum.
4. Apply a 3/16" bead of gasket glue into the gasket channel.



5. Start gasket at the center, rear of the top lid. Press the gasket into the channel firmly. Back the gasket into the corners as you work around the lid. Use a putty knife to seat the gasket into the channel and glue. Use sharp scissors to cut gasket to the proper length.



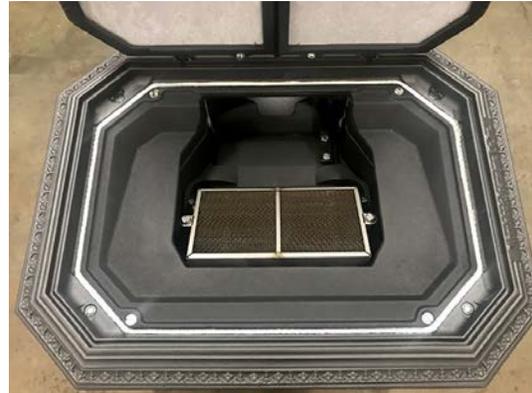
6. Allow the glue to set up for 30 minutes before placing the lid back on the stove. Be sure the lid is properly seated on the top frame. Keep lid closed for 24 hours

Replacing the Air Duct Cover Gasket

1. Make sure stove is cool. You will need 7' of .250" gasket and stove cement.
2. Remove the top lid from the stove, and set it aside.
3. Use a putty knife to remove the old gasket and cement from around the perimeter of the air duct cover. Remove any residual gasket and furnace cement with a wire brush and vacuum. Do not allow any debris to fall through the gap at the front of the stove as it may obstruct the air wash.
4. To install the air duct cover perimeter gasket, first apply a bead of stove cement, large enough to bed the gasket into, across the back and sides. No cement will be applied across the front gap (see image below). The air-wash is located below the front gap, and it is imperative to keep the air-wash free of obstruction.



5. Firmly press the gasket into the stove cement in the channel. It may be necessary to stretch or compress the gasket, as the gap of the channel can be narrower or wider. Use a putty knife to fully seat the gasket.



6. Return the top lid to the stove.

7. Allow the furnace cement to cure for 48 hours before using the stove.

Sealing the Firebox Seams

1. Make sure the fire is completely extinguished and no hot coals or embers are hidden in the ashes in the firebox.

2. Remove all ash from the firebox. Use a vacuum to thoroughly clean the firebox.

3. Use a putty knife to remove any loose stove cement from the corners and base of the firebox. Vacuum out any debris.

4. Apply a bead of fresh stove cement over the existing cement in the corners, around the base, and around the cast iron door and front frames.

5. Wearing a disposable glove, smooth the new stove cement with your finger or putty knife. Clean hands and tools with warm soapy water.

6. Allow 48 hours for the stove cement to cure. 1 or 2 small fires will drive any residual moisture from the cement and finish the curing process.

We need your help! Woodstock Soapstone Co. takes great pride in providing the highest quality products as well as the best customer service in our industry. We welcome your suggestions and input to help us achieve these goals. If you have any comments to improve our products, service, and information provided in these instructions please contact us at (800) 866-4344 or info@woodstove.com. Thank you.