



Gasket Replacement Instructions for the Convection Heaters and Sequoia Stove

Dutchwest stoves use rope-type fiberglass gaskets to make a tight seal between some parts, particularly those parts that move or may be removed. With use, gaskets can become brittle and compressed and can begin to lose their effectiveness. When this happens the gaskets should be replaced. This gasket kit includes enough gasket and cement to refurbish your entire stove.

Gasket size varies, depending on the application. On the Sequoia, the front, side and ash doors, as well as the top and inner top, all use 3/8" diameter gasket. The front door glass is sealed with a 3/16" gasket, while the flue collar employs a 1/4" size. On Convection Heaters, the front, side and ash doors all use 7/16" diameter gasket. The cast door panels use 5/16" gasket, while the front door glass is sealed with a 3/4" flat gasket. Other sealed parts include the damper opening and the top with 3/8" gasket, and the flue collar with a 1/4" size.

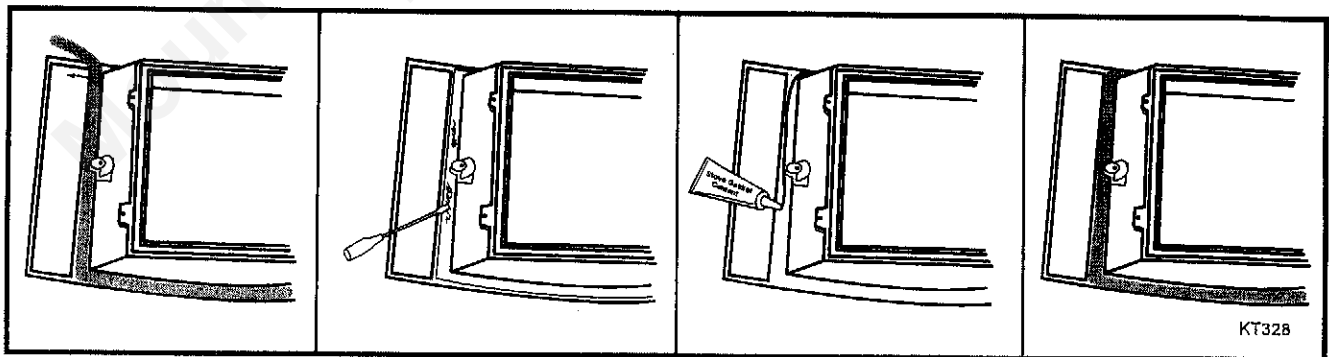
All Dutchwest stoves use a special Interam® gasket as a seal around the catalytic combustor.

Please **NOTE**: The GK99 kit serves several stove models. Some stoves will not use all the material in the kit. Keep track of the size and type of gaskets removed, and replace the old gasket with the same type of new gasket.

Before you begin to replace any gasket, however, wait until the fire is out and the stove has cooled. Be sure to wear safety goggles and a dust mask. The procedure for replacing gaskets is the same, regardless of the gasket location. Four steps are involved.

Replacing the Stove's Door Gasket

1. Remove the door when it is perpendicular to the stove by lifting it and raising the front end simultaneously. Lay it face down on a padded surface.
2. Remove existing gasket by grasping an end and pulling firmly.
3. Use a wire brush or the tip of a screwdriver to clean the channel of any remaining cement or bits of gasket.
4. Apply a thin bead of stove cement to the newly cleaned groove. Use your finger to spread the cement evenly in the groove.
5. Place a new 3/8" gasket into the groove of Sequoia doors; Convection Heater doors use a 7/16" gasket. Wait until you have placed all but a couple inches from the end before you cut it. Be sure not to "stretch" the fiberglass gasket, as this could decrease the gasket's diameter and prevent it from sealing effectively. Simply place the gasket in the groove.



Step 1. Remove the existing gasket.

Step 2. Clean the groove of any remaining cement or gasket fragments.

Step 3. Spread a bead of new cement in the groove.

Step 4. Place the new gasket in position, beginning at one end of the gasket channel, and wait until you are a couple inches from the finishing end before you trim it to its final size.

To find low spots in the door gasketing that may allow too much air into the stove, close each door on a slip of paper and attempt to pull the paper free. If the paper is freed without tearing, the gasket is not snug enough at that spot.

If the door will not tighten sufficiently with additional turning of the handle, try "adjusting" the gasket in the area needing attention. Pack more cement or a smaller diameter gasket into the channel beneath the gasket so that the main gasket is raised and makes contact with the stove front.

Replacing the Stove's Flue Collar Gasket

1. Remove any chimney connector.
2. Remove the flue collar of the stove.
3. Remove the existing gasket and install a new 1/4" gasket (for both the Sequoia and Convection Heaters) following steps 1-4 described above.
4. Reconnect the flue collar to the stove and reinstall the chimney connector.

Replacing the Stove's Damper and Top Plate Gasket

This procedure can best be done when you have your stove's top removed for a visual inspection of the catalytic combustor. See your stove manual for information on top plate removal and combustor inspection.

1. With the stove top removed, check the condition of the damper gasket. If it is damaged or if portions are missing, it should be replaced.
2. Remove the existing gasket and install a new gasket for both the damper and the top following steps 1-4. The size of both the top plate gasket and the damper gasket for both the Sequoia and Convection Heaters is 3/8".

Once the new gasket is installed, the damper may need to be adjusted for a proper fit. Refer to your Owner's Manual for an explanation of the damper adjustment procedure.

Replacing the Stove's Door Glass Gasket

1. Remove the front door (or doors, for Convection Heaters), and place it face down on a padded surface.
2. On the Sequoia, remove the 7/16" bolts holding the stainless steel glass retaining clips on the left and right sides of the glass. Remove the clips, and lift the glass off the brass frame.

On the Convection Heaters, remove the 7/16" bolts that hold the steel frame. Remove the glass.

3. Remove the old gasket, and clean any residue.
4. On the Sequoia, place a new piece of 3/16" gasket around the perimeter of the brass frame for the glass to rest on, then place the glass on it. Position the glass retainer clips, and fasten with the 7/16" bolts that you previously removed. Tighten the bolts alternately, and take care not to overtighten.

On Convection Heaters, place a new piece of 3/4" flat gasket around the perimeter of the glass, position the glass on the door, place the frame over it and secure the frame with the 7/16" bolts.

Replacing the Interam® Gasket Around the Stove's Catalytic Combustor

Replace this gasket whenever you replace the catalytic combustor after removing it. However, the combustor is fragile and should not be removed unless necessary. Refer to the General Instructions that were supplied with your stove for information on combustor inspection, under what conditions it should be removed, and how to remove and install it.

1. To remove the combustor, first remove the stove's top plate, then carefully lift out the refractory and the combustor.
2. Remove the old Interam gasket, and carefully wrap a new one around the combustor's perimeter.
3. Replace the combustor, the refractory package, and the stove's top plate.
4. Secure the top plate to the stove.

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