

Product Bulletin/edition	PB105/B
Department/product	Nestor Martin/Wood Stoves
Date	June/2023



Harmony & Stanford Glass and Glass Seal Replacement

Please Read these Instructions Before Replacing the Glass and Glass Seals

The ceramic fibre glass seal sets have been replaced with a flat ceramic rope seal, except for the Harmony 13 which are all pre-cut ceramic fibre seals. The self-adhesive rope has been found to provide a longer lasting seal with the larger double glazed Nestor Martin stoves. This document shows the Harmony stoves door, which has three glass clips, however the Stanford uses the same procedure, but has only two long glass clips.

The kit does not contain the outer rope for the main door seal, this should be ordered as a separate item.

It is important that you remove all the old glass gaskets and replace them with the new rope seals to ensure that the glass panels have an air tight seal. The rope comes in one length and will need to be cut to the correct lengths as detailed in this document.

Tools Required:

Phillips screw driver to undo the glass clip screws.

Pair of sharp scissors to cut the flat rope seal to the correct lengths.

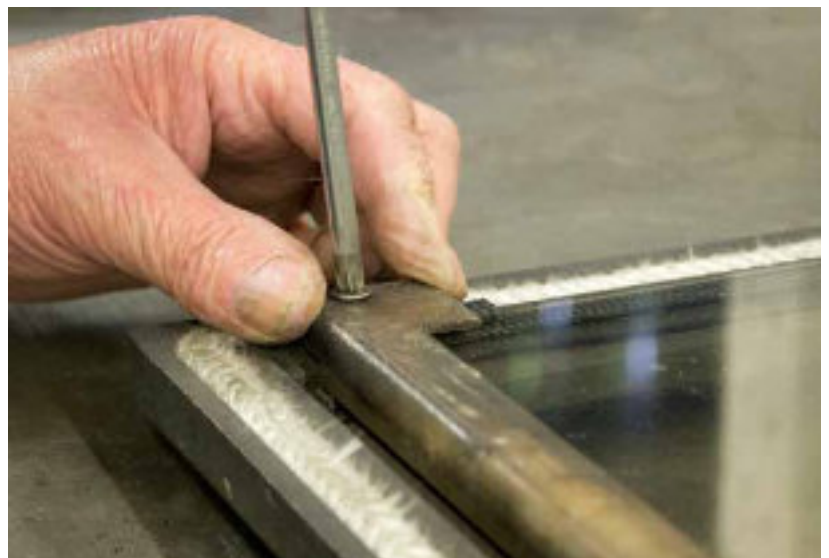
Flat bladed screwdriver to clean away any old glue or tars from the door frame.

Door Removal:

It is easier to replace the glass and the glass seal with the door removed from the body of the stove. Open the door and hold it centrally at the top and the bottom. The door can then be lifted from the stove body, there is no need to remove the hinge pins to do this.

Glass Removal:

Lie the door down on some newspaper on a flat surface. Undo the four glass clip screws and remove the glass clips. Remove both panels of glass and all the old glass seals. If you are re-using the glass panels clean them thoroughly, removing the old glass seal and any tars that may have built up on it. Also clean all dirt and tars from the door frame, a flat blade screwdriver is best for this. Brush any loose dirt off the frame to ensure that the glue on the new self-adhesive rope seal adheres well to the door frame surface.



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Remove the glass clips and glass from the door frame and clean off all dirt and tars from the glass, glass clips and door frame.

Fitting the Outer Seal:

Without peeling off the self-adhesive backing tape on the rope seal lay the rope on the door frame and cut, with sharp scissors, the four lengths required to go around the door frame where the glass will be placed. Gently peel off the backing tape from the glue and stick the rope to the door frame, see below.



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Outer Glass Panel:

The seal for the middle of the double glazed unit should be fitted to the inner surface of the outer glass. Cut the four lengths as before and stick them to the glass. Angle the top corner cuts, as shown in the picture, if the stove has the arched door frame. This ensures a good seal between the panels.



The outer glass panel can then be laid onto the door frame.

Inner Glass Panel:

The inner panel can then be laid on top of the outer, ensuring that they are positioned evenly on the frame and directly above one another. They must not be touching the handle shaft as this will cause the glass to crack with the movement of the handle.



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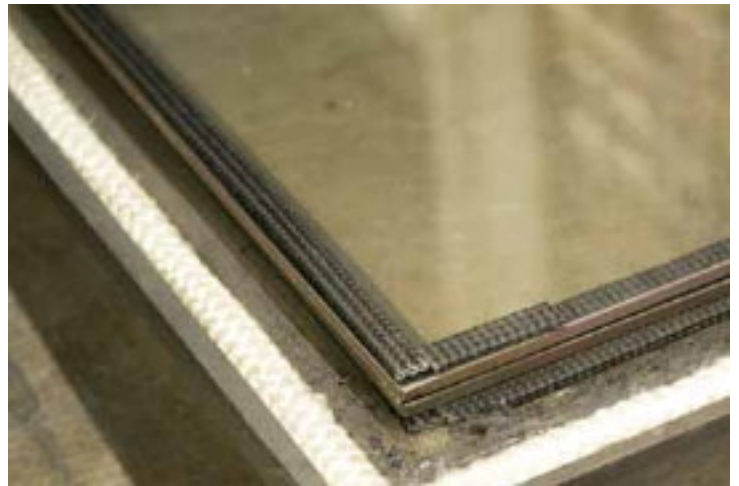
Fitting the Glass Clips:

The flat rope seal must be fitted between the metal glass clips and the inner glass panel.

The rope seal can be either attached to the glass clips or directly onto the glass panel where the glass clips will come into contact with the glass.



Seal attached to the glass clip



Seal attached to the glass panel

Ensure that the glass is at least 2mm away from the door handle shaft, failure to do this may cause the glass to crack at this point if touching the shaft.

Once all the parts are aligned tighten up the screws evenly so that the glass is held firmly but NOT clamped tight. You should be able to push down on the glass and there should be a small amount of movement to allow for the expansion of the glass and the other component parts when the stove is hot.

Do not over tighten the glass clip screws as this could cause the glass to crack when the fire is hot.

Refit the door onto the body of the stove and GENTLY close the door, ensuring that it closes fully. If it will not close easily check the position of the glass clips and adjust if necessary, ensuring that they are not catching on the body of the stove.



Harmony upper glass clip fitted to frame



Do not over tighten glass clip screws