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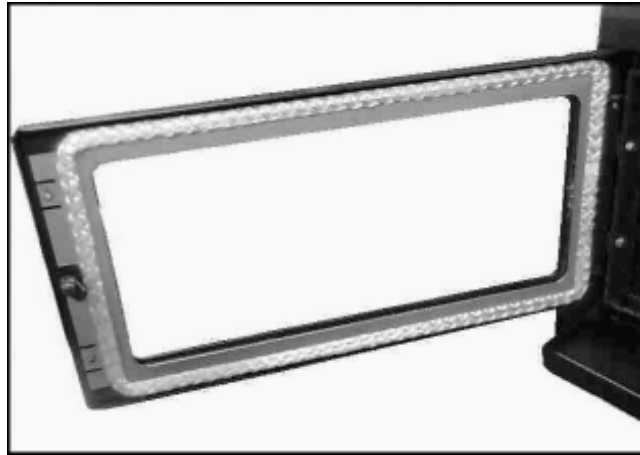
MAGNUM P100

Maintenance Guide



Replacing the door glass, seal tape and door seal rope

Open the door fully. You will see the glass is retained by a frame that clips into the hinge at the right side (facing the inside of the door) and held by two screws at the left side. The door seal rope is fitted into a groove formed in the glass retainer.



To replace the door seal rope:

Pick out one end of the door seal rope at the join which is located centrally at the right hand (hinge) side. Pull gently along the rope until it is all out.

To replace the rope, first dab a spot of Mani-seal into the groove formed by the glass retainer at all four corners and the centre of all four sides. Position the rope into the groove, starting at the center of the side next to the hinge and working around until the ends meet. There should be a tight join at the ends to prevent air leaks.

The door may appear excessively tight when the door rope has just been replaced. The rope needs to bed in, and this may take a number of openings and closings of the door to achieve.

To remove the door glass:

Open the door and remove the two small screws holding the left (door handle) side of the glass retainer in place. Lift the left side of the retainer and glass away from the inside of the door, until it is clear of the door frame then pull the right end out from behind the hinge. Ensure the glass does not drop out of the retainer frame while this is being done.

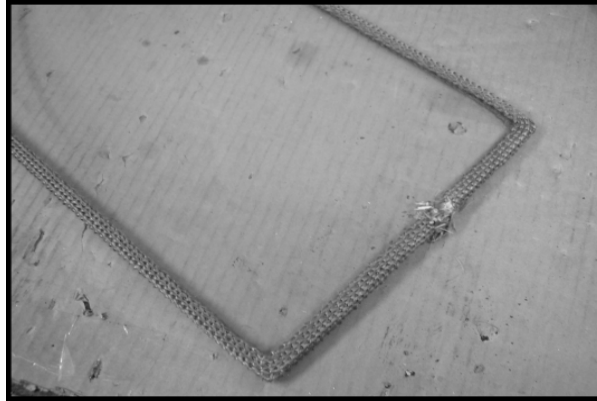
Lay the glass and retainer down on a padded surface and push out the glass from the back of the retainer frame.

To replace the glass seal tape:

Remove the glass as detailed above and carefully peel off the old ladder tape around the edge.

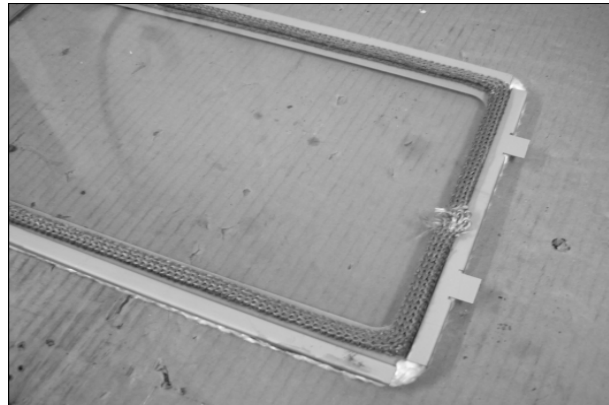
Clean the glass to remove any soot or creosote. Do not use abrasive cleaners.

Fit new ladder tape to the edge of the glass ensuring it is centered on the edge of the glass so that an equal amount of tape will extend down both faces of the glass when it is folded down. Make sure that the ends of the tape meet tightly at the join. A gap here will allow air leaks into



the firebox and will cause streaking of the glass with soot.

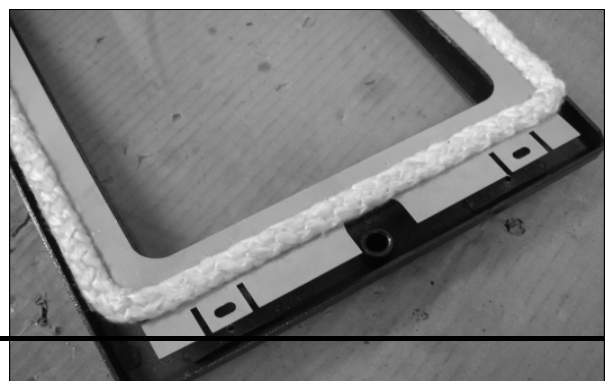
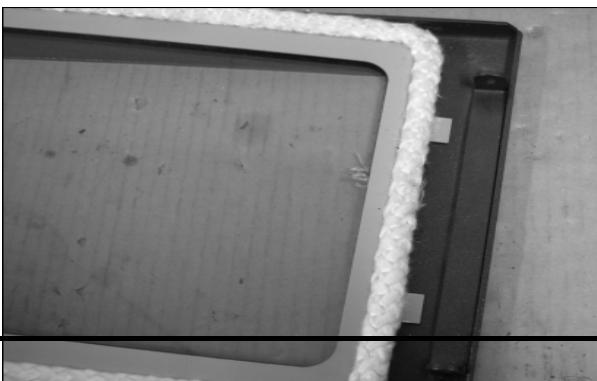
Fit the glass back into the retainer frame, ensuring that the original outer surface of the glass is again going to be on the outside of the door.



Refit the glass and retainer back into the door frame.

Place the two lugs on the right side of the retainer frame behind the hinge and rotate the left side back into the door frame to align it with the screw holes. Refit the screws.

Refit the door rope.



Replacing the baffle and air tube

Open the door fully and look up inside the fire box.

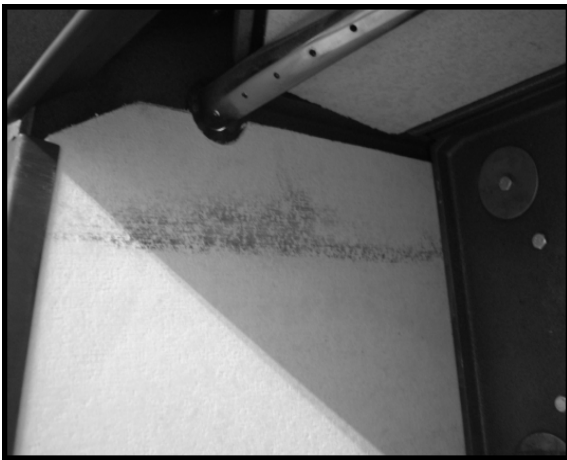
You will see the air tube and baffle above the firebox chamber. You will need to remove the two side bricks in the firebox before being able to remove the air tube and baffle.



To remove the side Promates:

At either side of the door opening, there are 2 screws holding plates that extend the height of the door opening. Remove these screws and take out the plates.

The side bricks can then be pulled out by lifting slightly to clear the bottom retainers and rotating the bottom edges towards the middle of the firebox, and then pulling forward and out the door.



To remove the air tube:

The air tube is held in place by passing through holes in either side of the firebox.

It is necessary to firstly remove the pin at the right hand end of the air tube, against the right side wall. Then, depending on the age of the fire, it may be necessary to remove the bolt or rivet that holds the bracket at the left end of the air tube in place against the wall, and then slide the airtube to the right until the left end can be rotated down into the firebox to allow the right end to come free. Hold the baffle with one hand – it is supported at the front by the air tube.

Take the air-tube out through the door.

(Note that later-manufacture fires do not have the bolt or rivet at the left end. They merely have a stub that locates the air-tube against rotation. The pin at the right hand end holds the tube in place.)

To remove the baffle:

The baffle is held up by the air tube at the front, as noted above. The rear is supported by a ledge in the rear casting. Let the baffle drop down and then rotate slightly to take it out the door.

Paint Maintenance



MAINTENANCE and REFURBISHMENT of Powder Coated Solid Fuel fires

INTRODUCTION

When properly applied to a correctly pretreated metal substrate, powder coatings provide a finish with excellent protective and decorative properties.

In order to gain the maximum life from the coating, correct coating maintenance procedures should be followed. The following guidelines provide recommendations for the maintenance program, and suggestions for the refurbishment of the coating should it be required.

1. Maintenance

This Solid Fuel Heating Appliance has been powder coated with Orica Pyrotech™ powder coating. When this appliance is being used (warm/hot) it is important that no contact is made with solid objects or such ie. pots, pans, ash removal brushes etc. as this may leave indentations/markings on the surface that cannot be removed, and damage is not covered by the Fire Manufacturers or Orica warranties.

For powder coated items, the following cleaning process should be followed:

- a) Cleaning should be done with a dilute solution of a mild liquid detergent in warm water. Avoid excessively hot solutions.
- b) Use a soft bristle brush or similar to clean the surface. Do not use abrasive tools on the coating.
- c) After cleaning, rinse the film thoroughly with fresh water.
- d) Do not use strong solvent type cleaners on the coating. Where it is necessary to remove materials from the surface such as adhesives and a solvent is necessary, the weakest possible solvent should be used. The only solvents recommended are methylated spirits, white spirits or Isopropanol. Ensure the contact time for the solvent is minimal, and that the solvent is thoroughly rinsed from the surface.

A small test area should be checked prior to solvent cleaning to ensure that no damage to the film or colour change will occur.
- e) Where more aggressive cleaning is required, a very mild abrasive such as a high quality automotive cream polish, used in accordance with the manufacturers instructions, may be necessary. The use of strongly abrasive compounds such as cutting compounds is not recommended.
- f) The use of bore water for cleaning is not recommended due to its mineral content, as it can bring about staining of the coating and may instigate long term coating failure.

2. Refurbishing

All organic finishes are prone to some degradation after long service, some change of colour and gloss or chalking may be expected. Whilst the integrity of the film will be maintained, it may prove necessary to refurbish the powder coating to restore the original appearance.

MAINTENANCE and REFURBISHMENT of Powder Coatings

2.1 POLISHING

In domestic situations, weathered areas or mild scratches can be restored with the use of Dulux Gloss Up which is a light to medium cutting cream ideally suited for gloss restoration and has been specifically designed for this purpose. Gloss Up contains no waxes or silicone and is a one step system.

2.2. Damage Repair

At times there is the possibility that the powder coated article may suffer mechanical damage requiring repair for both aesthetic and protective reasons.

Dulux colour Repair Kits are available in all colour card colours. Spraycans make easy aesthetic repairs to scuffed or scratched powder coated surfaces while Dabsticks are ideally suited for small scratches or chips.

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