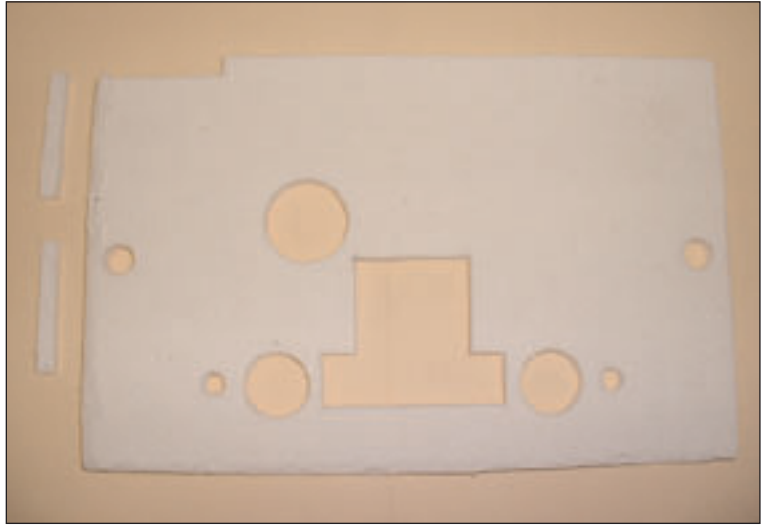

HMG Delta CLASSIC Burner Insulation Replacement Kit



Kit Part Numbers: PGRKIT31

Parts List

- 1- Burner Plate Gasket
- 2- Gasket Spacers



WARNING

Indicates a potentially hazardous situation which, if ignored, can result in serious injury or substantial property damage.

NOTICE

Indicates special instructions on installation, operation or maintenance, which are important to equipment but not related to personal injury hazards.

WARNING

Failure to follow instructions below can result in severe personal injury or damage if ignored.

- Instructions are for a qualified installer/ service technician.
- Read all instructions before proceeding.
- Follow instructions in proper order.

WARNING

For your safety, turn off electrical power supply at service panel before proceeding to avoid possible electrical shock hazard. Failure to do so can cause severe personal injury or death.

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Removal of Existing Insulation

1. Ensure power to the unit has been disconnected prior to removal of the burner assembly.
2. Disconnect the snap-set plug located on the bottom right side of the windbox. Depress the tab and grip the body of the snap-set to prevent damage to the incoming wire leads when disconnecting.
3. Lift and remove the air inlet tube from the blower housing flange. If necessary, disconnect any air inlet piping connected to the unit prior to removing the air inlet tube.
4. Turn the main manual gas shut-off valve at the unit to the OFF position.
5. Disconnect the gas supply piping at the inlet of the gas valve.

WARNING

Failure to disconnect electrical supply and close the gas shut-off valve can cause severe personal injury, death or substantial property damage.

6. Dismount and remove the burner assembly from the unit by removing the (2) 17mm mounting nuts located to the left and right side of the windbox.

NOTICE

The service technician may need to remove the burner control module from the top of the windbox to allow ease of removing the burner assembly from the combustion chamber.

WARNING

Care must be taken when removing the burner assembly from the unit as not to damage the pilot assembly and pilot tube.

WARNING

Inspect and ensure pilot hood assembly and pilot tube are free of damage. Replace as needed.

7. Remove the (4) mounting screws securing the front cover plate of the windbox. Set the front cover plate and screws aside.
8. Inside the windbox remove the deflector plate by removing the (2) mounting screws.
9. Disconnect the main gas line inside the windbox by loosening the large brass nut.
10. Disassemble the main burner from the burner mounting plate by removing the (2) mounting screws located inside the windbox.
11. Remove the existing burner mounting plate insulation.

Installing New Insulation

WARNING

Prior to installing the new burner insulation check the condition of the pilot assembly and the ignition cable. Also, inspect the gas ports of the main burner for deterioration.

1. Align the new insulation onto the burner mounting plate. Place the (2) gasket spacers along the bottom edge of the insulation creating a 1/4" gap between the insulation and burner mounting plate bottom edge.

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NOTICE

To assist in the re-assembly of the burner and to ensure proper alignment on the burner mounting plate, the installer may apply high temperature silicon between the insulation and burner plate.

2. Mount the main burner onto the burner mounting plate and secure it on the inside of the windbox with (2) mounting screws.
3. Reconnect the main gas line inside the windbox. Ensure the brass nut is tight. No pipe sealant is required.
4. Re-attach the deflector plate to the inside of the windbox using the existing (2) mounting screws.
5. Mount the front cover plate onto the windbox and secure with existing (4) screws.
6. Remount the burner assembly into the combustion chamber. Use care not to damage the burner mounting plate insulation, pilot gas tubing or the spark ignition cable when inserting the burner assembly into the combustion chamber.

WARNING

Extreme care must be given when inserting the burner assembly into the combustion chamber to prevent damage to the insulation gasket, pilot gas tubing and ignition cable

7. Secure the burner assembly using the (2) 17mm mounting nuts located to the left and right side of the windbox.

WARNING

Check the perimeter of the burner mounting plate and ensure a seal exist between the insulation and the combustion chamber opening.

8. Re-seat the combustion air inlet tube onto the blower flange. Reconnect the air inlet piping to the unit as needed.
9. Reconnect the snap-set on the right side of the windbox.
10. Reconnect the gas supply piping to the gas valve.
11. Open the main gas valve shut-off valve and perform a leak test at all gas piping connections near the unit.

WARNING

Do not check for gas leaks with an open flame. Use a gas detector or a bubble test. Failure to check for gas leaks can cause severe personal injury, death or severe property damage.

12. Reconnect electrical power to the unit returning the unit back into service.