

HT100

Applies to models:

NVx



How to: replace a Main Burner on a NVx heater



Procedure



WARNING: Always switch off and disconnect electricity supply and close service valve before carrying out any servicing or replacement of failed components.

1.1 Remove rectification probe screw and withdraw.



1.2 Remove spark electrode screw and withdraw.



1.3 Remove the electrical plug connections from the top of the gas valve.



1.4 Remove burner heat shield (3 screws).

1.5 Burner assembly cover removed.



1.6 Remove the four screws holding the gas valve flange onto the manifold.



1.7 Remove two fixing screws securing the burner assembly to the bulkhead.



1.8 Disengage from tab.



1.9 Lift out burner assembly



1.13 Examine the injectors and if damaged or deteriorated, replace with new ones of the correct size and marking.



1.10 Burner assembly removed.



1.14 Examine the burner heads for signs of clogging and deterioration.

1.11 Using a stiff brush, brush the burners to dislodge accumulated deposits.



1.15 Replace burner assembly.



1.12 Inspect the burners both internal and externally to ensure that they are clean

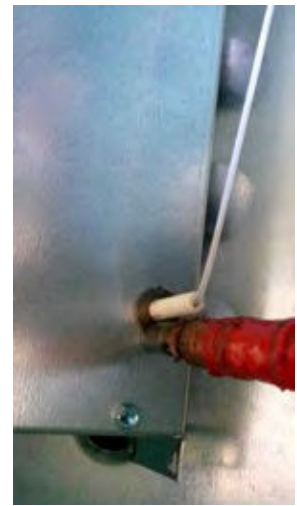


1.16 Ensure burner assembly is engaged into the bottom location bracket.

1.17 Replace two fixing screws securing the burner assembly to the bulkhead.



1.21 Replace spark electrode and fix with screw ensuring gap is 2.5mm



1.18 Replace burner heat shield.



1.22 Location of spark electrode.
Note: always located at the bottom of the burner assembly.

1.19 Replace the four screws holding the gas valve onto the manifold.



1.23 Replace rectification probe and fix with screw.



1.20 Replace the electrical plug connections to the top of the gas valve.



1.24 Location of rectification probe.
Note: always located at the top of the burner assembly.



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Every effort is made to ensure accuracy at time of going to press. However as part of continued product improvement, we reserve the right to alter specification without prior notice.