

HT101

Applies to models:

NVx



How to: replace a Smoke Box 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 combustion flue spigot by undoing 4 screws.



1.2 Remove screws (4) from exhaust fan mounting box.

1.3 Lift out exhaust fan assembly.



1.4 Remove electrical panel cover to access cable.

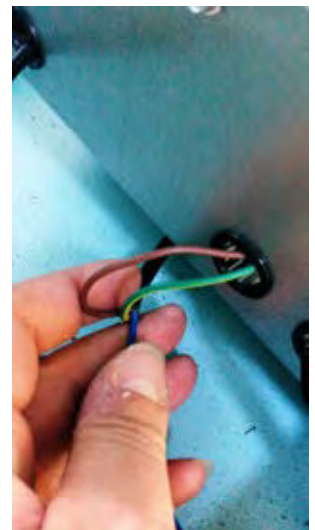
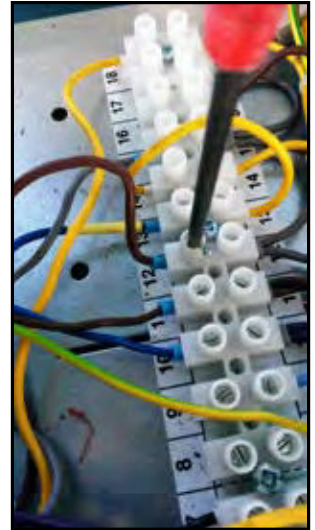
1.5 Remove main fan cables t12 from terminal strip.



1.5 Remove all main fan cables through electrical panel gland.



1.6 Remove earth and neutral cables for main fan.



1.6 Loosen electrical panel by removing two fixing screws and move to one side.

1.7 Remove all screws from exhaust header plate.



1.11 Removal baffle plate.



1.8 Bottom screws retaining the exhaust header plate can be removed through hole in electrical panel stand off.



1.12 Remove baffle plate.

1.9 Exhaust header plate removed.



1.13 Check outlet side of heat exchanger for soot deposits. Clean if necessary. Check burner settings and combustion readings if heavy deposits are evident.



1.10 Clear any debris and soot deposits.



1.14 Remove swirlers and clean any soot deposits. Replace if damaged.

1.15 Replace the baffle plate.



1.19 Refit electrical panel by fixing two screws



1.16 A 'T' is stamped on the one edge of the baffle plate to denote the top position.



1.20 Replace all main fan cables through electrical panel gland.

1.17 Baffle plate in situ.



1.21 Replace earth and neutral cables for main fan.



1.18 Reposition exhaust header plate and fix using screws. Apply new gasket if necessary.



1.22 Replace main fan cable brown to t12 to terminal strip.

1.23 Replace electrical panel cover.



1.27 Check operation of exhaust fan



1.24 Offer new fan assembly to exhaust header plate.

1.25 Refit all exhaust header plate screws.



1.26 Refit combustion flue spigot.



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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.