



Rayburn 480K (Open Flue Model Only) MK1/MK2 Retrofit Ecoflam Burner Replacement

DIS-ASSEMBLE

1. Isolate mains in electrical supply.
2. Isolate oil supply.

OIL PUMP REMOVAL

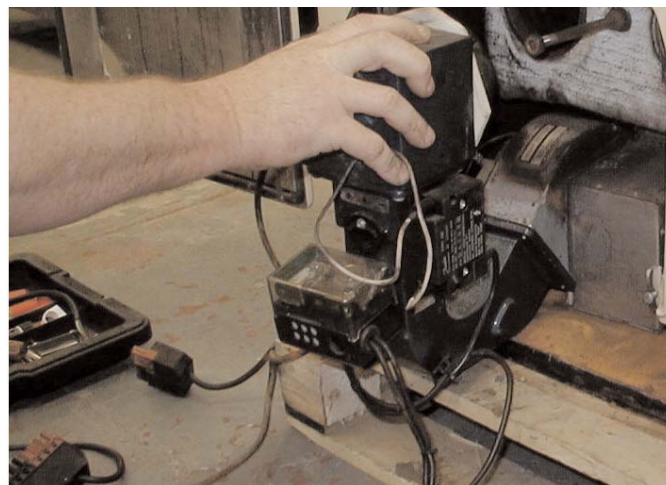
1. Disconnect upper oil solenoid plugs (near burner heads) and withdraw solenoid bodies.
2. Disconnect oil supply connections and withdraw oil pump assembly.

BURNER HEAD REMOVAL

1. Remove burner bar retaining nut and withdraw burner retaining bar.
2. Withdraw the individual burners, cooker and the boiler burner assemblies.
3. Remove long burner retaining stud and replace with the short stud provided.



COOKER BURNER REMOVAL



BOILER BURNER REMOVAL

N.B. IF AIR BOX is fitted (MK1 Models)

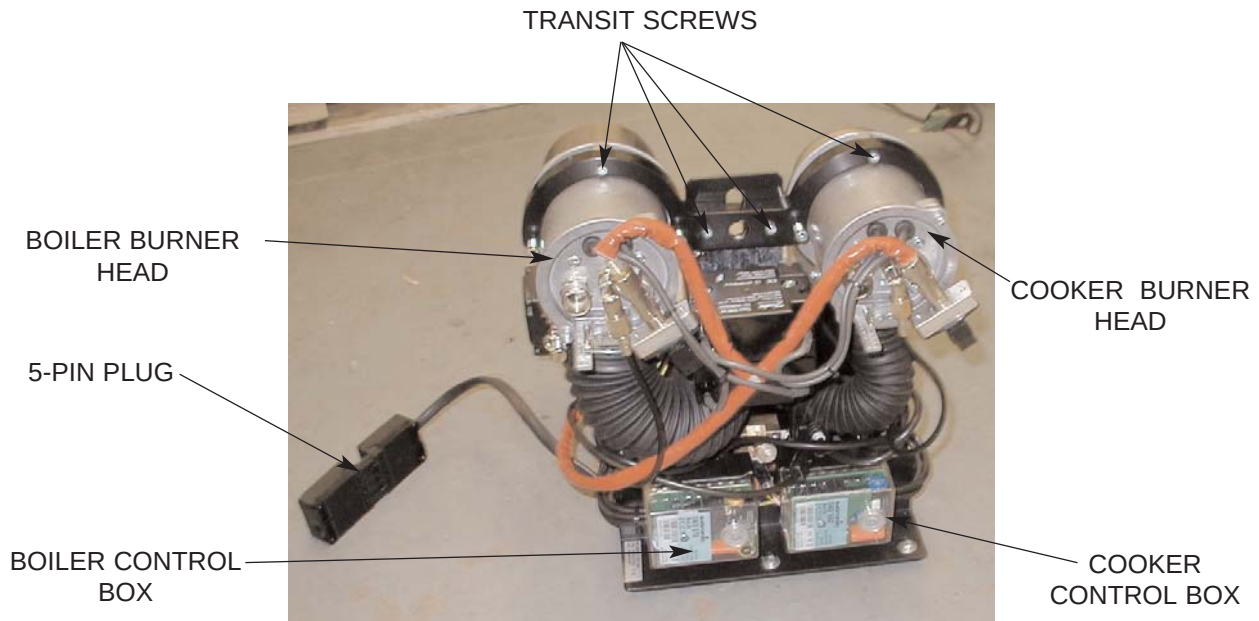
- Remove 2 x M6 fixings and withdraw the air box assembly complete and discard.

DISCARD OLD BURNER COMPONENTS



FITTING RETROFIT BURNER - MK1/MK2 COOKERS

1. Remove packaging and slacken transit fixings on burner head retaining bar.



2. Fit sealing gaskets to the burner blast tubes and insert burner assembly into the burner compartment. Remove transit fixings and affix burner head retaining bar on stud.
3. Connect oil line into oil pump using new flexible supply line supplied and install new oil filter supplied.
4. Connect burner plug to electrical harness and re-instate electrical and oil supplies, commission burner. (For MK1 cookers refer to wiring modification below).
5. Commission boiler and cooker in-line with existing MX series twin head Ecoflam burner installation instruction.

NOTE

- The cooker burner incorporates a 5 minute post-purge facility, the combustion fan will therefore over-run for a 5 minute period for additional heat dispersion from the cooker chamber.

FITTING RETROFIT BURNER MK1 COOKERS

WIRING MODIFICATION

1. Remove all plug covers.
2. Disconnect boiler (6-pin Weiland plug).
3. Wire in Boiler Switched Burner Live (brown) to L2 on the supplied 5-pin retrofit burner Weiland plug supplied.
4. Wire both Cooker and Boiler Earths (Green and Yellow) and Neutrals (Blue & BLK 1) into the 5-pin plug.
5. Wire Cooker Permanent Live (BLK 4) to L1 on the 5-pin plug.
6. Wire Cooker Switched Live (BLK 2) to L3 on the 5-pin plug.

NOTE:

- The 4-pin Weiland (green) plug and pump supply harness is to be discarded.
- The black pump supply wire in the boiler loom and the BLK 3 and BLK 5 supply wires in the cooker loom are no longer used - make safe using 3 amp terminal strip and replace cover.

