



Retro-Fit Kit Instruction Sheet Aga 3 Oven Power Flue

STRIP DOWN PROCEDURE

1. Isolate gas and electrical supply.
2. Disconnect and remove shrouds from top plate.
3. Remove flue mixing shroud. (Fig. 1)



Fig. 1

4. Remove thermostat phials from location bracket and location bracket from flue nozzle outlet (Fig. 2).

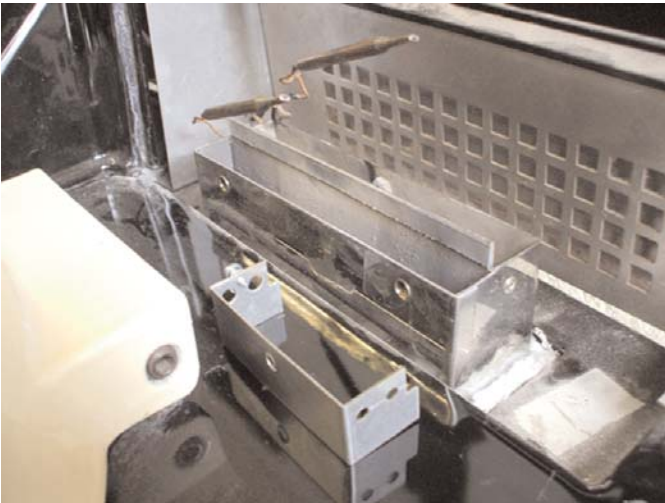


Fig. 2

5. Disconnect wiring from fan unit.
6. Disconnect solenoid cable and remove:
 - a) connections L2, N2 and earth on electrical chassis.
 - b) solenoid plug from burner.
7. Remove electrical chassis.
8. Disconnect and remove burner assembly.
9. Remove top plate.
10. Remove insulation and vermiculite from LH of cooker down to baking oven level.
11. Remove hotspot from fire barrel.

12. Remove fire barrel complete with tunnel assembly.
13. Remove cable guide tube, gas inlet pipe and oven stat guide tube from burner housing.
14. Remove burner housing assembly.

REBUILD

1. Fit new burner housing complete with insulation pad JPAD212038 (Fig. 3).



Fig. 3

2. Refit cable guide tube, gas inlet pipe and oven stat guide to burner housing.
3. Refit fire barrel complete with tunnel assembly. Seal with ropes and gaskets supplied.
4. Refit hotspot and check levels.
5. Refill with vermiculite.
6. Fit new top plate insulation blanket.
7. Refit top plate
8. Refit electrical chassis.
9. Reconnect wiring to fan unit.
10. Refit thermostat phial location bracket to flue outlet nozzle and refit thermostats.
11. Refit flue mixing shroud.
12. Fit new burner assembly and reconnect to gas supply (Fig. 4).

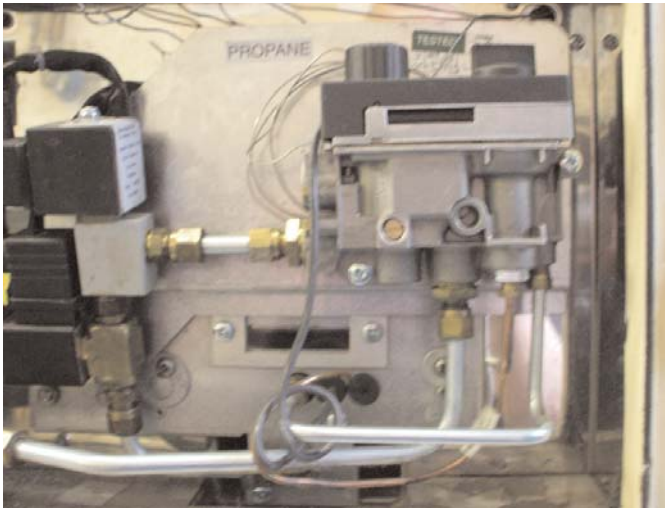


Fig. 4

13. Feed wiring harness from 'AIMS' controller through cable guide tube up to electrical chassis.
14. Connect wiring harness to electrical chassis. (Fig. 5). See Page 11 Installation instructions.

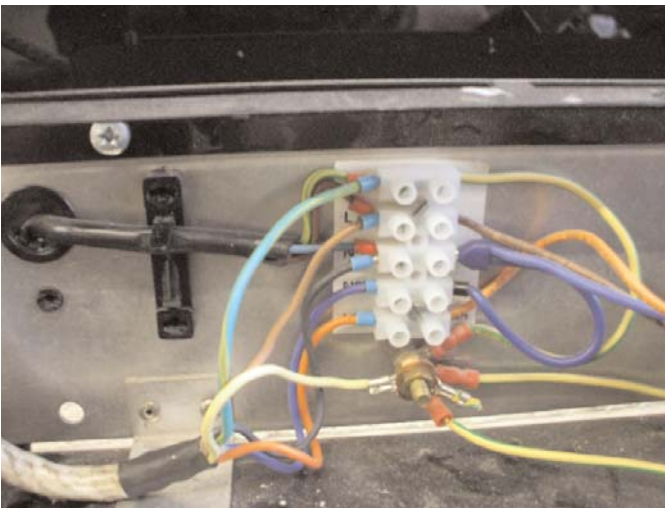


Fig. 5

15. Secure PCB mounting plate to burner housing. Ensure gasket is fitted between mounting plate and burner housing and also 'L' shaped pad is fitted behind PCB mounting plate.
16. Feed 'AIMS' thermocouple and oven stat phial through guide tube into roasting oven. Secure to new phial support plate and fix to top of roasting oven. Page 11 installation instructions.
17. Fit controls cover ensuring solenoid cables pass through 'half moon' notches in RH side and AIMS thermocouple passes through notch at top rear of RH side of cover.
18. Connect solenoid plugs to burner assembly:
 - a) Mains inlet solenoid plug should be identified with coloured marker. This connects to normally closed solenoid (aluminium body).

- b) AIMS control solenoid plug connects to normally open solenoid (brass body).

19. Refit shrouds to top plate.
20. Fit new control door lining panel (AG2M212109) complete with lighting instruction label (AG4M212085). (Fig. 6).



Fig. 6

FOR COMMISSIONING OF BURNER AND AIMS SET-UP REFER TO INSTALLATION INSTRUCTIONS