



G1102/G1112 Convection Ovens

BURNER CONVERSION KIT - PROPANE

IMPORTANT

BEFORE ATTEMPTING ANY CONVERSION ENSURE THAT ISOLATING COCK IS TURNED OFF AND THAT IT CANNOT BE INADVERTENTLY TURNED BACK ON.

AFTER CONVERSION CHECK FOR GAS SOUNDNESS!

THE KIT SHOULD CONTAIN THE FOLLOWING PARTS.

Description	No. off	Description	No. off
Burner	1	Burner electrode assembly	1
Burner bracket (LH)	1	Burner injector (Propane)	1
Burner bracket (RH)	1	Burner pipe	1
Elbow ($\frac{1}{2}$ " to $\frac{1}{2}$ " BSP)	1	Elbow ($\frac{1}{2}$ " to $\frac{3}{8}$ " BSP)	1
Elbow ($\frac{3}{8}$ " to $\frac{3}{8}$ " BSP)	1	Tube nut (6mm)	1
Olive (6mm)	1	Pilot assembly	1
Pilot injector (Propane)	1	Pilot feed pipe	1
Reducer ($\frac{3}{8}$ " to $\frac{1}{8}$ " BSP)	1	Reflector plate	1
Thermocouple adaptor kit	1	Thermocouple kit	1
Hex nut (M3)	1	Hex nut (M5)	4
Pan head screw (M3)	1	Pan head screw (M5)	1
Shakeproof washer (M3)	1	Shakeproof washer (M5)	5

1. Removal of Panels

- Remove control panel (three screws) securing panel and draw it forward.
- Remove front grille (four screws).
- Remove RH outer side panel. To facilitate this, unit may have to be temporarily withdrawn from location.

2. Removal of Burners and Fitting

- Remove pilot assembly by undoing union nuts securing supply tube, electrode lead and thermocouple.
- Remove two screws securing pilot bracket.
- Remove pilot with bracket and discard.
- Remove burner by releasing coupling on burner feed pipe.
- Remove main burner bracket from base (two screws).
- Remove burner complete with bracket, slightly towards the left to clear feed pipe from elbow.

3. Installation of New Burner and Pilot Assembly

- a) Remove natural gas pilot orifice from new pilot assembly, retaining nut and olive safe.
- b) Screw pilot assembly (D) to burner (A) using M3 screw washer and nut.
- c) Screw propane injector (H) directly into burner.
- d) Screw malleable iron reducer (J) to brass injector.
- e) Fix malleable iron equal ended elbow (K) to reducer.
- f) Fix male/female brass elbow (N) to equal ended elbow.
- g) Fix feed pipe (L) to elbow.
- h) Loosely affix LH (S) and RH burner brackets (P) to burner using washers & nuts provided, do not overtighten.
- i) The slot on oven inside may have to be slotted forwards to fix total assembly.
- j) Feed assembly into oven and either using whole new elbow (M) (for older units) or $\frac{1}{2}$ " olive only fasten feed pipe to elbow protruding from tee piece below gas control.
- k) Tighten burner brackets to base and burner.
- l) Fix pilot pipe (G) to rear of gas control using tube nut (F) and olive (E) provided.
- m) Insert propane orifice (C) into pilot and tighten nut.
- n) Fix burner electrode lead assembly (not illustrated) from piezo to electrode.
- o) Remove castellated nut (B) from adaptor kit pack slip over head of thermocouple (Q), insert into pilot and tighten as if using nut & olive, attach to rear of gas control.
- p) Screw reflector plate (R) to base as shown in diagram below.
- q) Replace panels in reverse order.
- r) Test for gas soundness.

