

KIT No. 9500390
CONVERSION KIT FROM NATURAL GAS TO PROPANE LPG (G31)
FOR
PRESIDENT UNIVERSAL MODEL 530U (G.C. 32-032-21)

This conversion must be in accordance with these instructions. The conversion must be undertaken by a competent person.

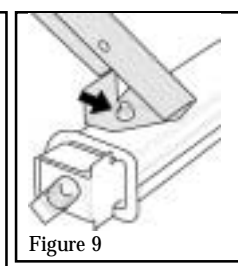
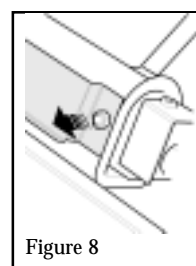
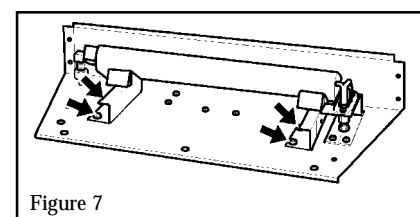
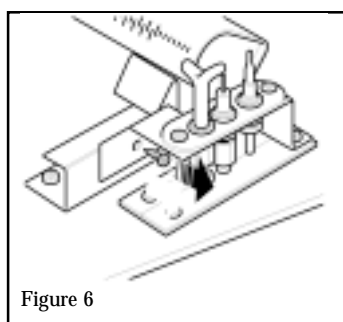
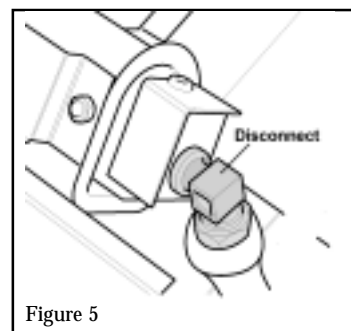
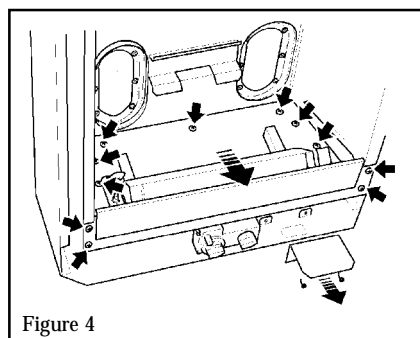
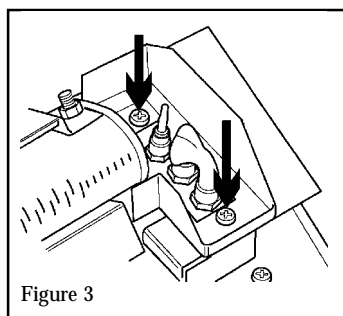
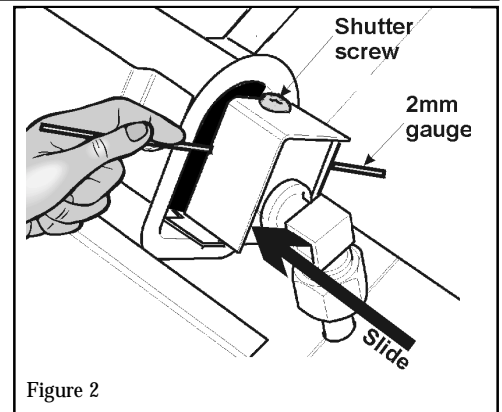
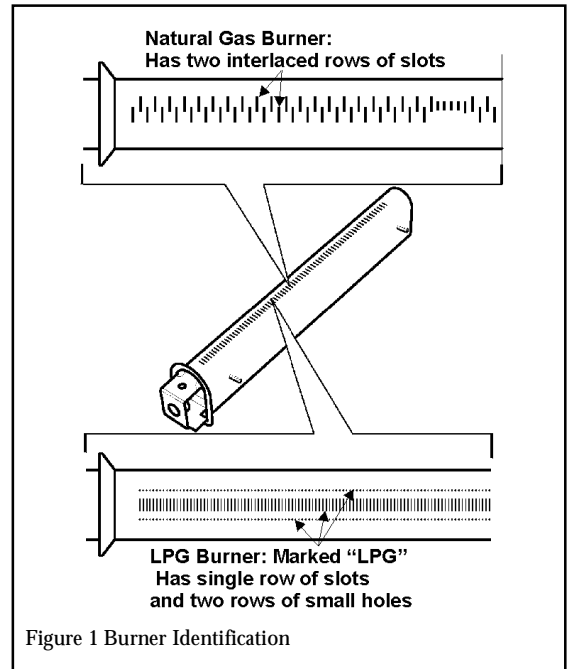
Before conversion, ensure that the local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible.

Kit Contents

- 1 Pilot injector (Marked 27)
- 1 Burner unit including injector Bray cat. 92 size 200 (See figure 1 for identification)
- 1 2mm dia. aeration gauge rod (For coal versions)
- 1 Special bit for control cover screw
- 1. Data conversion label

Conversion Procedure

1. The LPG burner unit has the aeration shutter set for correct operation for appliances with **log** fuel effects (3mm opening). If the appliance has **coal** fuel effects, slacken the aeration shutter screw. Insert the 2mm gauge rod into the aeration opening and close the shutter right up to the gauge to give a 2mm opening – See figure 2. Retighten the shutter screw.
2. Detach the pilot heat shield by removing two screws. See figure 3. *These screws also secure the pilot unit to its bracket*
3. Detach the battery shield by removing two screws. See figure 4.
4. Detach the burner module by removing 11 screws. See figure 4.
5. Disconnect the burner elbow injector from the pipe. See figure 5.
6. Remove the screw securing the pilot bracket to the burner support bracket. See figure 6.
7. Detach the burner unit by removing four screws. See figure 7.
8. Detach the log support bracket from the burner by removing two nuts. See figure 8.
9. Detach the two burner support brackets from the burner by removing two nuts. See figure 9.



10. Disconnect the pilot pipe. See figure 10.
11. Remove the pilot injector. Replace with LPG injector. See figure 11.
12. Replace main burner with the LPG burner assembly supplied and reassemble the module.
13. Remove the valve control cover screw using the special bit provided. See figure 12.
14. Lever off the control cover using a screwdriver or similar. See figure 13. **Take care that the servo motor remains correctly positioned – See figure 14.**
15. Refit the module to the appliance. Refit the battery shield. Refit pilot heat shield.
16. Check the pilot position relative to the burner. See figure 15. Check ignition spark (refer to installation guide).
17. Check system for leaks as described in the installation guide.
18. Fit a manometer to the pressure test point (See figure 16). Rotate the thermostat knob anti-clockwise to full on position. Light the appliance. Check for leaks downstream of the valve. Adjust the pressure setting screw (See figure 17) to $26.2 \pm 0.75 \text{ mbar}$ ($10.5 \pm 0.3 \text{ in. w.g.}$).
19. Turn appliance off. Remove the manometer and tighten the test point screw. Check the test point screw for leaks. Refit the control cover.
20. Fit the data conversion label over the lower part of the appliance data label (situated on the appliance base panel).
21. Check that the appliance operates correctly. Refer to main instructions.

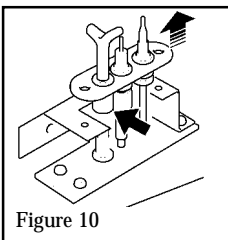


Figure 10

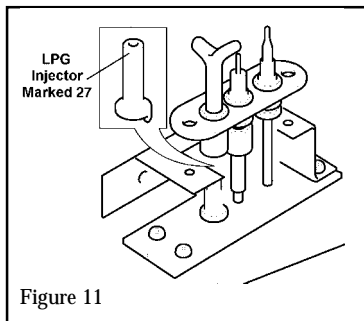


Figure 11

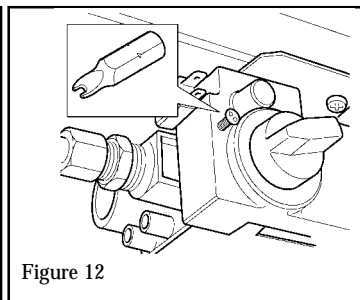


Figure 12

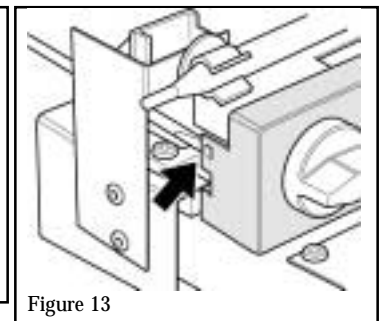


Figure 13

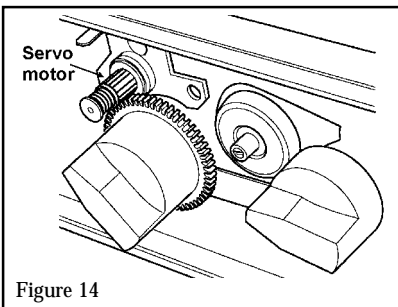


Figure 14

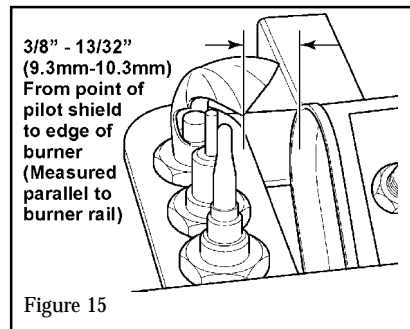


Figure 15

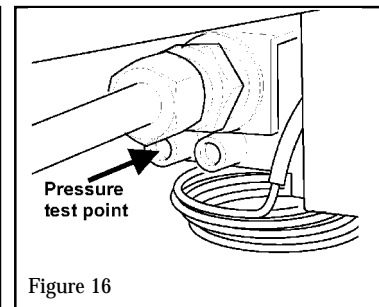


Figure 16

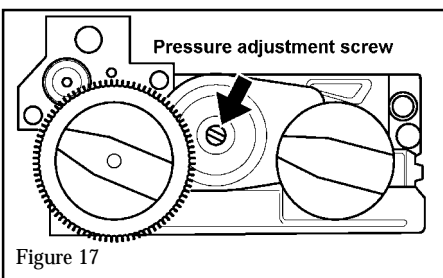


Figure 17